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Lancaster Farming

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At the Pennsylvania Young Farmers' convention, Stephanie and Mark Patches, left, and Carla and Paul Witter receive outstanding young farmer awards.

PYF Recognizes Outstanding Farmers

LOU ANN GOOD
Lancaster Farming Staff

READING (Lancaster Co.) — Young Farmers from across the state gathered in Reading for their 33rd annual convention this week.

Highlights of the three-day event included naming the Outstanding Young Farmer under 30 and over 30, community service couple, and electing new board members.

Outstanding Farmer Under 30

Outstanding Young Farmer under 30 award went to Mark and Stephanie Patches of Lebanon County. The couple rent the farm from Mark's parents, Mark and Alta Patches, and own cattle and equipment in partnership with them. They farm 300 tillable acres and during the past year raised 170 bushels of corn per acre and 8 tons of alfalfa per acre. They double crop soybeans after barley. Three Star silos and silage bags are used to hold TMR rations.

The couple milk 105 Holsteins with a rolling herd average of 24,000 pounds, 875 fat, and 750 protein. Patches attributes production increase to better cows and replacements, improved comfort and total mixed rations. He keeps strict management records.

Patches also does all repairs and service on equipment except for major overhauls.

The Patches are members of the Cedar Crest PYF and were Region 7 winners before being chosen

(Turn to Page A28)

Junior Holstein Youth Recognized

WILKES-BARRE (Luzerne Co.) — The 1993 Pennsylvania Junior Holstein Association convention was held Feb. 5 through Feb. 7 at the Ramada Hotel, in Wilkes-Barre, with many junior members received recognition for their achievements during the past year.

Many of the awards earned during the convention were presented during the awards brunch. About 358 members attended the awards event.

Winners of the organization's senior division distinguished junior member award were Duane Nolt, son of Janice Nolt, Richland, and Miriam Kelly, daughter of Thomas and Margaret Kelly, Tyrone. The two are to represent Pennsylvania in the national contest to be held June during the national Holstein convention in Rochester, N.Y.

Others who distinguished themselves as finalists were Jesslyn Oberholtzer, Elizabethtown; Kara Tussey, Huntingdon; Scott Youse, of Oley; and Tim Ludwick, of Sugar Grove.

All finalists had completed a listing of their accomplishments in Holstein activities, school work, community involvement, leadership and their ideas of the future of agriculture and the Holstein industry. They were also interviewed by a panel of judges to arrive at a combined score.

In the intermediate division, winners were Elizabeth Walton, daughter of David and Kathy Walton, of Carlisle; and Wade Sturgeon, son of Tim and Kathy Sturgeon, of Fombell.

In order to compete, all six finalists had to submit a similar scrap-

(Turn to Page A32)

From the left, Matthew Day and Nichol Bozlinski receive the Junior Progressive Breeder award for having bred a herd of high-milking cows.

Avian Influenza Update

VERNON ACHENBACH, JR.
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — An interstate quaratine is expected on poultry because of a recent finding of avian influenza in live domestic poultry at 14 mid-Atlantic markets located in New Jersey, New York City and Philadelphia, and on one New Jersey farm.

According to Gene Schenck, press secretary of the state Department of Agriculture, officials from the several states involved have been working on establishing a set of rules for the transport of poultry to which each state can agree, in the disease control effort.

In the meantime, Pennsylvania is continuing its temporary suspension of poultry exhibitions and transportation of live birds to markets and auctions due to the discovery of the highly contagious and pathogenic disease in a chicken at a Philadelphia live-bird market, after a routine check discovered that some birds in Pennsylvania had been exposed to the disease.

According to the state Department of Agriculture, the virus was isolated so far in 13 other markets in mid-Atlantic states — five in New Jersey and eight in New York City.

Despite some erroneous published reports, the disease was not

(Turn to Page A38)

Please see the special section called "Corn Talk" that's part of this issue. Grant Troop is president of the Pennsylvania Master Corn Growers.

Keystone Pork Congress Hosts Range Of Programs

Pork Bowl Has Roots In Church 'Quiz Bowls'

ANDY ANDREWS
Lancaster Farming Staff

WEST CHESTER (Chester Co.) — Churches in Chester County and the Keystone Pork Congress share something in common.

They both love to sponsor and hold "quiz bowls."

According to Cheryl Fairbairn, Chester County livestock agent, "A lot of churches around here sponsor a Bible quiz bowl. So we decided that something that would make the kids learn about hog production yet be fun and competitive would be to have a swine quiz bowl."

That was in 1986, according to Fairbairn, the first year the renowned Pork Bowl was held at the Keystone Pork Congress.

This year's Congress, scheduled Wednesday, Feb. 17 at 9 a.m. at the Penn Harris Convention Center in Camp Hill, will also have a Pork Bowl. In the Bowl, 12 teams, comprising six 4-H and six FFA chapters from around the state, will compete in the Bowl.

Teams head-to-head

The game, which puts two teams at a time head-to-head, is similar to the TV show "Jeopardy," where questions are asked and those who hit a buzzer first have first crack at points.

After consecutive rounds, the team with the greatest number of points wins. At the end, the top teams are decided by total number of points.

The roots of the Pork Bowl go back to 1983-1984, when the Chester County Swine Club decided to adopt the ideas of the popular church quiz bowls. A few years later, according to Fairbairn, the swine club looked at some of the activities at the 4-H State Days and the Horse Bowl and worked out a contest. The Bowl was a big success.

"I mean, every kid on the club got on a team, you know," said the Chester County agent. "We did that for two or three years."

Fairbairn served on the Youth Committee for the Pennsylvania Pork Producers Council. Years ago,

(Turn to Page A24)

Video Boar Sale At Pork Congress

Pennsylvania's 17th Performance Tested Boar Sale has been moved from State College to the Penn Harris Convention Center on Wednesday in conjunction with the Keystone Pork Congress.

The boars will be auctioned off by video at 3:30 p.m. in the Main Ballroom.

Boars can be inspected through the day of the sale at the Pennsylvania Department of Agriculture Meat Animal Evaluation Center in State College.

For more information, contact Glenn Eberly at (814) 238-2527.

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Lancaster, Pa.
Monday, February 8, 1993

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	918	83	181	526	476
Last Monday's Auction	1098	105	146	845	246
Last Year's Auction	1206	69	93	1300	331

CATTLE: Slaughter steers 1.00-1 50 higher, slaughter heifers firm to 1.00 higher; cows steady, small supply bullocks steady, bulls fully steady. Supply included 62% slaughter steers, 12% slaughter heifers, 15% cows, and 11% bulls.

SLAUGHTER STEERS. Choice 2-3 few 4 1100-1425 lb 77.35-79.35; few High Choice and Prime 2-4 1150-1425 lb 78 75-80 00, couple 81.75; Select and low Choice 2-3 1050-1425 lb 74.50-77 00, couple 77.00-78.00; few Select 2-3 1075-1300 lb 70.00-73.50.

HOLSTEINS: Choice 2-3 1350-1500 lb 66.75-69.00; High Choice and Prime 2-3 1380-1675 lb 67.75-70.50; Select 1-3 1200-1450 lb 65.00-66.50.

SLAUGHTER HEIFERS: Choice 2-3 975-1300 lb 74.00-74.75; couple Choice 2 1150- 1300 lb 77.75-78.25; Select 2-3 950-1250 lb 69.25-73.50, few 880-950 lb 66.00-69.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 49.00-52.00 52.00-54.00 Commercial 3-4 44.00-48.00 Cutter & Boning Utility 1-2 47.50-51.00 51.50-53.00 Canner and low Cutter 40.00-44.50 45.00-49.00.

BULLOCKS: Few Choice 2-3 1200-1375 lb 68 00-71.25; few Select 2-3 1050-1300 lb 65.50-67.50.

BULLS: Yield grade 1 1300-2000 lb 63 00-68.25, eight head 1890-2325 lb 72 50-76 00, couple 1440-1990 lb 79 25-80 75, five head 2050-2385 lb Holsteins 58.75-65.00; Yield grade 2 1150-1600 lb 58 00-63.00, few low dressing 55.00-58 00.

CALVES· Vealers fully steady; slaughter calves steady. Demand good for Holstein bulls to return to farm.

VEALERS: Few Choice 225-325 lb 95.00-105.00, couple 105.00-115.00; high Good and low Choice 170-300 lb 75.00-95.00, 80-110 lb 50 00-60 00; few Standard and low Good 65-85 lb 40 00-50.00.

SLAUGHTER CALVES· Choice 275-400 lb 75 00-90 00, Good 250-550 lb 60 00- 75 00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 150 00-185.00, few 185 00- 205.00.

HOGS: Barrows and gilts 50-1 00 higher, instances 1.50 higher; sows 1.50 higher.

BARROWS AND GILTS: US 1-2 215-250 lb 43.50-44.50. US 1 215-235 lb 44 50-45.00. US 1-3 210-255 lb 42.50-43.50. US 2-3 280-300 lb 35 00-38 00.

SOWS. US 1-3 300-625 lb 34.00-36.00.

BOARS: All Weights 30.00-31.50.

SHEEP: Wooled lambs firm to 3.00 higher; slaughter ewes mostly steady. Supply included 65% wooled lambs, 10% new crop lambs, with balance slaughter ewes.

WOOLED LAMBS: Choice 2-3 80-105 lb 75.00-85.00, 60-80 lb 80.00-89.00, few 110-140 lb 55.00-75.00.

NEW CROP LAMBS: Choice 2-3 30-50 lb 100.00-150.00, few 150.00-175.00.

SLAUGHTER EWES: Utility and Good 25.00-45.00; Yearlings and two-year olds 40.00-60.00.

GOATS: All goats sold by the head. Large 60.00-100.00, several 100.00-150.00. Medium 40.00-60.00; Thin 30.00-40 00. Small, mainly kids, 30 00-40 00· Thin 25.00-30.00.

Vintage Livestock Auction

Paradise, Pa.
Tuesday, February 9, 1993
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	708	792	8	3
Last Tuesday	601	691	4	0
Last Year	793	829	12	6

CATTLE . USDA . Supply included 34% slaughter steers and 56% cows ... Compared with Monday's market: sl. steers closed steady instances .50 lower, early sales 1 00 to mostly 1 50 lower; cows steady, sl. heifers and bullocks not fully tested, few sales bulls steady. SL. STEERS: Choice 2-3 few 4 1100/1425 lbs. 78.00-79.25, few 79.25-79 60, several early sales 76.75-78.00, Choice and Prime 2-3 1050/1425 lbs. 78.00-80.25, 10 head 80.75-82.25, Choice 3-4 1100/1400 lbs. 74 75-75 25, Select and Low Choice 2-3 1075/1400 lbs 72 75-77.00. HOLSTEINS: Choice 2-3 1295/1650 lbs 66 25-69.00, few High Choice and Prime 2-3 1300/1525 lbs. 69.00-71.50. HEIFERS: few Choice 2-3 1200/1225 lbs. 74 85, one Choice 2 1380 lbs 78 50 COWS: Breaking Utility and Commercial 2-3 bulk 49.00-53.00, high dressing 53 00-54 50, few high dressing 56 00-56.75; Cutter and Boning Utility 1-2 low dressing 46.00-47.75, bulk 48.00-52.75, high dressing 52.75-55.00; Canner and Low Cutter low dressing 40.00-45.00, bulk 45.00-48.75. BULLS: couple Yield Grade No. 1 1330/2070 lbs. 60.75-62.75, No. 2 1300/1700 lbs. 57.00-61.25.

CALVES...Few 60/100 lbs. steady. Supply included 675 in graded sale of which 94% sold to return to farm. VEALERS: few High Good and Low Choice 85/100 lbs. 52 00-57 00, few Standard and Low Good 65/85 lbs. 40 00-50.00. RETURNED TO FARM: 35 head Holstein bulls 120/125 lbs. 175 00-180 00, 205 head 100/115 lbs 180 00-193.00, 50 head 95 lbs. 199 00-200 00 and 30 head 90/95 lbs. 188 00-190 00, 170 head small frame 80/115 lbs 160.00-170 00 80 head Holstein heifers 80/115 lbs. 200.00-221 00, 15 head small frame 80/95 lbs. 157.00-167 00, and 20 head 70/75 lbs. 87 00-95 00.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, February 10, 1993
Report Supplied by PDA

CATTLE 245.. PDA ...Supplied included 110 sl steers and sl heifers, 22 feeder cattle Compared with last Wednesday's market: Sl. steers .50 to 1.25 higher; sl. cows mostly steady. STEERS: Choice 1125/1400 lbs 75.75-78 50, one 79 25, Select 71.50-77.50. HOLSTEINS: few High Choice and Prime 1220/1600 lbs. 69.75-72.00, one 77.50, Choice 1200/1600 lbs. 67.00-71.50, few Select 63.75-67.75, few Standard 56.25-64.00. HEIFERS: few Choice 990/1400 lbs. 69.00-80.00, few Select 60 00-66.00. COWS: Breaking Utility and Commercial 50.50-54.75, few 58.00, low dressing 45.00, Cutter and Boning Utility 47.00-54.00, Canner & low Cutter 43.00-48.50. Shells down to 36.00. BULLOCKS: few Choice 65.00-68.50, few Select 62.25-64.00. BULLS: few Yield Grade No. 1, 1450/1950 lbs. 58.75-66.00. FEEDER CATTLE: Steers: few Medium Frame No. 1 and 2 400/630 lbs. 68.00-78.00. Heifers: few Medium Frame No. 1 385/435 lbs. 68.00-73.00.

CALVES 125..Farm calves steady to strong VEALERS: few Good and Choice 550/700 lbs. sl. calves 64.00-71.50, few Standard and Good 90/105 lbs. 45.00-50.00, Utility 50/90 lbs. 30.00-42.50. RETURNED TO FARM: No. 1 Holstein Bulls 90/125 lbs. 170.00-198.00, No. 2 90/125 lbs. 120.00-175.00, few down 75.00, few 75/90 lbs. 60 00-132 50. No. 1 Holstein heifers 100/130 lbs. 170.00-208 00, few No. 2 80/105 lbs. 75.00-115.00, couple to 50.00. Beef cross 70/110 lbs. bulls and heifers 110.00-140.00, one 160.00.

HOGS 234. Barrows and gilts 1.25 to 1.75 higher. BARROWS AND GILTS. US 1-2 225/250 lbs. 44.35-45.50, US No. 1-3 220/255 lbs 43.50-44 25, lot 43.00, 2-3 220/260 lbs 42.00-42 85, lot 40 60, lot 2-4 285 lbs 39.50, few 1-3 200/210 lbs 40 00-40 50. SOWS: steady to 1.00 lower, US No 1-3 285/570 lbs. 31.50-36 50 BOARS: 29.50-30 75. Lightweights 32 00-33.50.

FEEDER PIGS 234...US No 1-3 25/40 lbs. 69.00-105.00 mostly 82.50-90.00, 45/65 lbs. 63.00-68 00, few 55.00, two lots 105/150 lbs. 45.00 & 52.00.--per cwt, two lots 15/20 lbs. 17.50-19.00.--- per head

SHEEP 36.. Few Choice 60/105 lbs. Wooled sl lambs 66 00-75 00, few 20/40 lbs. New Crop 100.00-135.00, few 65/110 lbs. 75.00-80.00. Slaughter sheep. 24 00-32.00, couple 37.00.

GOATS 30...Large 53.00-62.00, one 80 00, few Medium 35.00-49.00, Kids 27.50-45 00, one 50 00. --- all per head

New Holland Livestock Auction

Lancaster, Pa.
Thursday, February 11, 1993

	Cattle	Calves	Sheep	Goats
Today	111	537	136	177
Last Thursday	963	522	98	78
Last Year	831	599	92	70

CATTLE: Slaughter steers firm to 50 higher than Tuesday's close; slaughter heifers mostly steady; cows firm to 1.00 higher, bullocks scarce; bulls steady, although upper end of yield grade 1 not fully tested. Supply included 40% slaughter steers, 37% cows, 16% feeders, with the balances bulls and slaughter heifers.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1425 lb 77.75-80.50, High Choice and Prime mostly 3 few 4 1200-1375 lb 80.50-81.50; few Choice and Prime 2-3 1200- 1425 lb 81.50-82.50; Select and low Choice 2-3 1075-1475 lb 74.50-78.00.

HOLSTEINS: High Choice and Prime 2-3 1290-1550 lb 69.50-72.35; Choice 2-3 1225-1500 lb 68.00-69.50; few Select 1-3 1200-1450 lb 67.75-66.50.

SLAUGHTER HEIFERS: Choice 2-3 1100-1200 lb 71.50-72.60, one lot 950 lb 71.00; Select 1-2 950-1200 lb 68.50-71.50.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 48.75-53.50 53.50-55.00. Commercial 3-4 46.00-49.50. Cutter & Boning Utility 1-2 48.00-50.00 50.00-54.00 54.00-56.00. Canner and low Cutter 43.00-46.50 47.00-51.00.

BULLOCKS: Couple Choice 2-3 1100-1300 lb 67.00-70.25.

BULLS: Yield grade 1 1500-1950 lb 62.00-68.00; Yield grade 2 1000-1500 lb 58.00-61.00.

FEEDERS: Couple lots Medium & Large #1 360-485 lb Heifers 78.75-80.50; couple lots Medium #1 420-535 lb 775.50-76.50; Large 1-2 1095-1265 lb Holstein steers 655.25-66.25.

CALVES: Small supply vealers steady, although bulk of supply sold to return to farm.

VEALERS: Few Choice 230-290 lb 96.00-102.00, individual 290 lb 111.00; high Good and low Choice 235-330 lb 76.00-84.00, 80-105 lb 50.00-60.00; Standard and low Good 60-80 lb 35.00-50.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein Bulls 160.00-200.00, few 200 00- 208.00; small frame 95-120 lb 120.00-150.00, 80-90 lb 100.00-125.00, few 90- 115 lb Holstein Heifers 150.00-190.00, few 200.00-212.00; small frame 85-110 lb 125.00-155.00.

SHEEP: Slaughter lambs weak to 5.00 lower; slaughter ewes steady. Supply included 30% wooled lambs, 45% New Crop Lambs, with the balance slaughter ewes.

WOOLED LAMBS: Choice 2-3 80-100 lb 68 00-75.00, few 65-75 lb 78.00-86.00

NEW CROP LAMBS: Choice 30-45 lb 105.00-130.00, few 130.00-150.00; Choice 45- 60 lb 92.00-100.00.

SLAUGHTER EWES: Utility and Good 26.00-37.00; Yearlings and two-year olds 38.00-48.00.

GOATS: All goats sold by the head; Large 65.00-90.00, few 97.00-117.00, couple 135.00-137.00; Medium 46.00-62.00; Small, mainly kids, 34.00-45.00.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction Thursday, Feb. 11, 1993

RETURN TO FARM CALF 100.00-174.00.

Lancaster County Weekly

Lancaster, Pa.
Friday, February 12, 1992

	Cattle	Calves
This Week	3100	1410
Last Week	2908	1296
Last Year	2902	1492

CATTLE: SLAUGHTER STEERS 1.00-2.00 HIGHER; SLAUGHTER HEIFERS FIRM TO 1.00 HIGHER; COWS FIRM TO MOSTLY 1.00 HIGHER; SMALL SUPPLY BULLOCKS STEADY; BULLS FULLY STEADY. SUPPLY INCLUDED 40% SLAUGHTER STEERS, 6% SLAUGHTER HEIFERS, 31% COWS, 5% BULLS, WITH THE BALANCE FEEDERS.

SLAUGHTER STEERS: CHOICE 2-3 FEW 4 1100-1425 LB. 77.75-78.50; HIGH CHOICE AND PRIME MOSTLY 3 FEW 4 1200-1375 LB. 80.00-81.50; FEW CHOICE AND PRIME 2-3 1200-1425 LB 81.50-82.50; SELECT AND LOW CHOICE 2-3 1050-1425 LB. 74.50-78.00, FEW SELECT 2-3 1075-1300 LB. 70.00-73 50.

HOLSTEINS: HIGH CHOICE AND PRIME 2-3 1290-1675 LB. 69.00-72.35, CHOICE 2-3 1225-1650 LB. 66.75-69.50; SELECT 1-3 1200-1450 LB. 65.00-66.50.

SLAUGHTER HEIFERS: CHOICE 2-3 975-1200 LB. 72.50-74.75; COUPLE CHOICE 2 1150-1300 LB. 77.75-78.25; SELECT 1-3 950-1250 LB. 68.50-73.50, FEW 880-990 LB. 66.00-69.00.

COWS: BREAKING UTILITY & COMMERCIAL 2-3, BULK 48.75-53.50, HIGH DRESSING 53.50-55.00, FEW 56.00-56.75, COMMERCIAL 3-4 BULK 44.00-49.50; CUTTER & BONING UTILITY 1-2, LOW DRESSING 46.00-49.00, BULK 49.00-53.00, HIGH DRESSING 53.00-56.00; CANNER AND LOW CUTTER 40.00-46.00, BULK 46.00-49.00, FEW 49.00-51.00.

BULLOCKS: FEW CHOICE 2-3 1100-1375 LB. 67.00-71.25; FEW SELECT 2-3 1050-1300 LB. 65.50-67.50.

BULLS: YIELD GRADE 1 1300-2000 LB. 62.00-68.25, EIGHT HEAD 1890-2325 LB. HOLSTEINS 58.75-65.00; YIELD GRADE 2 1000-1600 LB. 58.00-63.00, FEW LOW DRESSING 55.00-58.00.

CALVES: SMALL SUPPLY CALVES SOLD AS VEALERS STEADY; BULK OF THE SUPPLY SOLD TO RETURN TO FARM.

VEALERS: FEW CHOICE 225-325 LB. 95.00-105.00, COUPLE 105.00-115.00; HIGH GOOD AND LOW CHOICE 170-330 LB. 75.00-95.00, 80-110 LB. 50.00-60.00; STANDARD AND LOW GOOD 60-80 LB. 35.00-50.00.

SLAUGHTER CALVES: CHOICE 275-400 LB. 75.00-90.00; GOOD 250-550 LB. 60.00-75.00.

RETURNED TO FARM: BULK 90-125 LB. HOLSTEIN BULLS 150.00-200.00, FEW 200.00-208.00; SMALL FRAME 95-120 LB. 120.00-170.00, 80-90 LB. 100.00-125.00. 100 HEAD, 80-115 LB. HOLSTEIN HEIFERS 195.00-221.00; FEW SMALL FRAME 80-110 LB. 125.00-167.00.

GOOD VEAL: 70.00-110.00
COMMON VEAL: 25.00-70.00.
LOW CHOICE: 74.00-77.00.
SELECT STEERS: 68.00-74.00.
COMMON STEERS: 50.00-64.00.
COMMERCIAL COWS: 47.00-52.00.
CANNERS-CUTTERS: 45.00-53.00; FEW 56.00.
SHELLS: 35.00 AND UP.
COMMON HEIFERS: 60.00-65.00.
GOOD FEEDERS: 70.00-80.00.
COMMON FEEDERS: 55.00-70.00.
BULLS 52.00-61.50.
GOOD HOGS: 40.00-44.25.
HEAVY HOGS: 39.00-41.00.

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Every Friday At 10 AM
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10:00 A.M. - Goats, Veal Calves, Lambs
12:00 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs
Next Feeder Cattle Sale
Friday, Feb. 19 - 11:00 A.M.
LANCASTER STOCKYARDS, INC.
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VINTAGE SALES STABLES, INC.
SALE TUESDAYS
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(RT. 30, 10 MILES EAST OF LANCASTER IN PARADISE, PA)

Hog Markets

New Holland Feeder Pigs

New Holland, PA
Wed., Feb. 10, 1993
Report Supplied by Auction

TODAY: 783 HEAD
LAST WEDNESDAY: 679 HEAD
LAST YEAR: 799 HEAD

TREND: COMPARED TO LAST WEDNESDAY, FEEDER PIGS WEAK TO 5.00 LOWER. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US#1&2: 43 HEAD 36-39 LBS. 82.00-88.00; 104 HEAD 41-49 LBS. 84.00-89.00; 134 HEAD 50-59 LBS. 73.00-82.00; 14 HEAD 60 LBS. 82.00; 18 HEAD 71-77 LBS. 57.00-67.00.

US #2: 60 HEAD 40-47 LBS. 60.00-73.00; 80 HEAD 51-56 LBS. 61.00-72.00; 52 HEAD 63-65 LBS. 55 00-67.00; 9 HEAD 80-81 LBS. 54.00-55.00.

US#2-3: 36 HEAD 32-38 LBS. 55.00-64.00; 34 HEAD 43-44 LBS. 46.00-55.00; 4 HEAD 65 LBS. 50.00.

SLAUGHTER: 22 HEAD 26 LBS. 127.00; 22 HEAD 28-29 LBS. 90.00-110.00; 91 LBS. 31-37 LBS. 98.00-108.00.

Isennock Auction

New Park, PA
Feb. 8, 1993
Report supplied by auction

SLAUGHTER COWS: 54.25 & DOWN.

SLAUGHTER STEERS; 935-1115 LBS. 68.25-72.00.

FEEDER STEERS: 260-295 LBS. 97.00-104.00; 525-575 LBS. 78.00; 865-985 LBS. 61.00-64.00.

FEEDER HEIFERS: 275-415 LBS. 78 00-94.00; 510-550 LBS. 64.00-65.00.

HEIFER CALVES: 100-120 LBS. UP TO 185.00.

FARM CALVES: 110-120 LBS. 162.00-180.00; 100-105 LBS. UP TO 183.00; 90-95 LBS. UP TO 177.00; WEAK AND ROUGH 60.00 AND DOWN.

Penns Valley Livestock Market, Inc.

Auction every
Tues. 7 p.m.
Centre Hall, Pa.
Report supplied by Auction
Tues., Feb. 9, 1993

RETURN TO FARM CALF 100.00-184.00.
GOOD VEAL: 70.00-99.00.
COMMON VEAL: 25.00-69.00.
COMMON STEERS: 50.00-59.00.
COMMERCIAL COWS: 45.00-51.00.
CANNERS-CUTTERS: 44.00-54.00.
SHELLS: 35.00-43.00.
COMMON HEIFERS: 59.00-64.00.
GOOD FEEDERS: 65.00-73.00.
COMMON FEEDERS: 44.00-64.00.
BULLS: 51.50-60.00.
HEAVY HOGS: 38.00-45.00.

State Graded Feeder Pig Sale

at Westminster
Livestock Auction
Feb. 5, 1993

672 PIGS, 3 WEEKS AGO 954. BIDDING ACTIVE FROM LARGE CROWD. PRICES 8.00-15.00 PER HUNDRED HIGHER!

GRADE 1&2: 41 HEAD, 31-32 LBS. 97.00-106.00, 13 HEAD 36 LBS. 119.00; 119 HEAD 43-47 LBS. 90.00-110.00; 83 HEAD, 51-58 LBS. 85.00-92.00; 78 HEAD, 53-54 LBS. 95.00-103.00; 83 HEAD 61-67 LBS. 74.00-87.00; 18 HEAD 62-67 LBS. 94.00-100.50; 22 HEAD 77-79 LBS. 68.00-76.00, 7 HEAD 71 LBS. 90.00; 113 HEAD 80-89 LBS. 68 00-78.00; 51 HEAD 90-99 LBS. 56.00-64.50; 26 HEAD 111-126 LBS. 50.00-54 00.

NEXT SALE FRIDAY, FEB. 19, 1:30 P M

Lancaster Hogs

Lancaster Stockyards
Sat., Feb. 6, 1993
Report supplied by auction

430 HEAD.
US 1 215-245 LBS. 44.00-45.00.
US 1-2 215-245 LBS. 43.00-44.00.
US 1-3 215-245 LBS. 42.00-43.00.
US 2-4 215-255 LBS. 39.50-41.50.
195-210 LBS. 39.00-41.00; 180-195 LBS. 35.00-39.00; 120-180 LBS. 35.00-39.00; 80-120 LBS. 35.00-40.00; 50-80 LBS. 30.00-40.00; 30-50 LBS. 30.00-50.00.

SOWS: GOOD SOWS 32.00-34.00; MEDIUMS 30.00-32.00; THINS 29.00-30.00.

BOARS: HEAVY BOARS 29.50-30.00; LIGHT BOARS 31.00-33 00

New Holland Hog Auction

Lancaster, Pa.
Monday, February 8, 1993

Hog Receipts:

Today	635
Last Monday	864
Last Year	869

TREND: Compared to last Monday barrows and gilts 25 higher, instances 1.00 higher on US 1-3.

BARROWS AND GILTS: US 1-2 210-250 lb 43.75-44.75.

US 1 215-235 lb 45 00-46 00, One 9 head lot 221 lb 47.00.

US 1-3 210-270 lb 42.50-43.50.

Indiana Hogs

Louisville, Kentucky
Thursday, February 11, 1993

INDIANA DIRECT HOGS FLASH: BARROWS AND GILTS: .50-1.00 HIGHER. DEMAND GOOD. HIGHER. COUNTRY: PLANTS: US 1-2 230-260 LBS. 43.50-45.00, 44.00-45.25 FEW 45.25. US 1-3 230-260 LBS. 41.00-43 50 200-230 LBS. 40 00-42 00.

SOWS· FULLY STEADY.

US 1-3 300-500 LBS. 28 00-31.00, FEW TO 31.50, 500-650 LBS. 29.00-32 00, FEW TO 33 00.

PRELIMINARY ESTIMATE: *23,000

*RECEIPTS HAVE CHANGED DUE TO CHANGE IN REPORTING BASE.

Hay & Grain Markets

Pa. Grain

Monday, February 8, 1993
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .05 LOWER; WHEAT STEADY TO .30 LOWER; BARLEY VERY UNEVEN; OATS MOSTLY STEADY; EAR CORN UNEVEN, MOSTLY STEADY, INSTANCES 5.00 HIGHER; SOYBEANS STEADY TO .10 LOWER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.25-2.52, AVERAGE 2.39, FEW REPORTED CONTRACT FOR HARVEST 2.28-2.53; @WHEAT NO. 2 RANGE 3.41-3.85, AVERAGE 3.58, FEW REPORTED CONTRACT FOR HARVEST 3.02-3.24; BARLEY NO. 3 RANGE 1.75-2.07, AVERAGE 1.87, FEW REPORTED CONTRACT FOR HARVEST 1.70; OATS NO. 2 RANGE 1.45-1.85, AVERAGE 1.65; SOYBEANS NO. 1 RANGE 5.40-5.80, AVERAGE 5.63, FEW REPORTED CONTRACT FOR HARVEST 5.62-5.75; FEW REPORTED GR. SORGHUM #2 RANGE 2.15, AVERAGE 2.15; AVERAGE MOISTURE NEW EAR CORN RANGE 56.00-70.00, AVERAGE 62.31.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.20-2.50, AVERAGE 2.34; @WHEAT NO. 2 RANGE 3.00-3.60, FEW REPORTED 3.22, AVERAGE 3.22; BARLEY NO. 3 RANGE 1.75-2.00, AVERAGE 1.83; OATS NO. 2 RANGE 1.25-1.70, AVERAGE 1.50; FEW REPORTED SOYBEANS NO. 1 RANGE 5.45-5.60, AVERAGE 5.56; FEW REPORTED NEW EAR CORN RANGE 50.00-65.00, AVERAGE 60.29.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.25-2.53, AVERAGE 2.37; @WHEAT NO. 2 RANGE 3.00-3.80, AVERAGE 3.44; BARLEY NO. 3 RANGE 1.70-2.07, AVERAGE 1.83; OATS NO. 2 RANGE 1.35-1.85, AVERAGE 1.57; SOYBEANS NO. 1 RANGE 5.40-5.80, AVERAGE 5.60; AVERAGE MOISTURE NEW EAR CORN RANGE 55.00-70.00, AVERAGE 60.96.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.25-2.45, AVERAGE 2.37; @WHEAT NO. 2 RANGE 3.10-3.60, AVERAGE 3.37; BARLEY NO. 3 RANGE 1.65-1.90, AVERAGE 1.75; OATS NO. 2 RANGE 1.35-1.65, AVERAGE 1.50; SOYBEANS NO. 1 RANGE 5.25-5.75, AVERAGE 5.47; FEW REPORTED NEW EAR CORN RANGE 55.00-60.00; AVERAGE 58.40.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.00-2.50, FEW REPORTED 1.85, AVERAGE 2.29; @WHEAT NO. 2 RANGE 3.00-3.50, FEW REPORTED 4.00, AVERAGE 3.56; BARLEY NO. 3 RANGE 1.55-1.77, AVERAGE 1.66; OATS NO. 2 RANGE 1.40-1.60, FEW REPORTED 1.93,

MONTH AGO

CORN NO. 2 Y AVERAGE 2.36; @WHEAT NO. #2 3.52; BARLEY NO. 3 1.80; OATS NO. 2 1.52; SOYBEANS NO. 1 5.52; NEW EAR CORN 56.50.

YEAR AGO

CORN NO. 2 Y AVERAGE 2.94; @WHEAT NO. #2 4.12; BARLEY NO. 3 2.11; OATS NO. 2 1.83; SOYBEANS NO 1 5.61; NEW EAR CORN 83.15.

Diffenbach Auction Center

New Holland, Pa.
Monday, February 8, 1993
Report Supplied by Auction

TOTAL LOADS: 212.
ALFALFA: 50.00-165.00.
MIXED HAY: 55 00-157.00.
TIMOTHY: 75 00-157.00.
ORCHARD GRASS: 75.00-140 00
STRAW: 47 00-102.00.
EAR CORN: 70.00-80.00.
OATS 1.85-2.40 BU.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location Auction time is 10 00 a m Monday

Belleville Hay

Wednesday, Feb. 10
Belleville, PA
Report Supplied by Auction

60 LOADS.
ALFALFA: 50.00-115.00.
MIXED HAY: 47.50-105.00.
STRAW: 15 LOADS, 40.00-75.00.
OATS: 2 LOADS, 1.40 AND 1.80 BU.
SPELTZ: 1.70 BU.
EAR CORN: 3 LOADS, 50.00-72.50.

Vintage Hay

Paradise, PA
Thurs., Feb. 11, 1993
Report Supplied by Auction

27 LOADS.
ALFALFA: 72.00-126.00.
GRASS HAY: 60.00-97.50.
MIXED HAY: 71.00-122.50.
STRAW: 51.00-77.00.
FIREWOOD: 31.00 PICK-UP LOAD.
SALE TIME 1 P.M.

Westminster Hay

Westminster, Md.
Tuesday, Feb. 9, 1993
Report Supplied by Auction

TOTAL LOADS: 163.
ALFALFA: 82.00-122.00, 1.25-3.70 BALE.
TIMOTHY: 50.00-107.00, .80-2.30 BALE, 11.00-28.00 LARGE ROUND..
MIXED HAY: 70.00-95.00, .65-2.80 BALE.
GRASS: 82.50, .90-2.10 BALE.
CLOVER: .90-1.50 BALE.
STRAW: 54.00-72.50, .45-1.80 BALE.
MULCH: .50-.70 BALE.
OATS: 1.70 BU.
GROUND EAR CORN: 4.75/HUNDRED WT.
EAR CORN: 60.00.
WOOD: 20.00-85.00 CORD.

Good's Hay

Leola, Pa.
Wed., Feb. 10, 1993
Report Supplied by Auction

TOTAL LOADS: 148.
MIXED HAY: 76.00-138.00.
ALFALFA: 60.00-142.00.
STRAW: 51.00-82.00.
TIMOTHY: 89.00-131.00.
GRASS: 77.00-102.00.
CORN: 70.00-76.00.
OATS: 2.25 AND 2.30 BU.
CLOVER: 77.00-108.00.
FIREWOOD: 30.00-49.00 LOAD.

Green Dragon Hay

Ephrata, Pa.
Friday, February 5, 1993
Report Supplied by Auction

TOTAL LOADS: 157.
MIXED HAY: 52.00-150.00.
ALFALFA: 42.00-205.00.
TIMOTHY: 70.00-157.00.
ORCHARD GRASS: 67 00-100 00.
STRAW: 47.00-80.00.
EAR CORN: 64.00-75 00.
OAT HAY: 72 00.
OATS: 2 10 BU.
FIREWOOD: 35.00-110.00 LOAD.

Greencastle Livestock Market

Hay & Straw
Feb. 4 and 8, 1993

45 LOADS.
ALFALFA: GOOD 100.00-117.50, FAIR 85 00-97.50.
ALFALFA MIXED: 85.00-100.00.
TIMOTHY HAY: 87.00-107.50
MIXED HAY: 69.00-92.00.
BROME GRASS: 50.00-67.00.
WHEAT STRAW: 60 00-79.00.
OAT STRAW: 61.00-63.00.
FIREWOOD: 37.00-51.00 LOAD.

Dewart Hay

Dewart, PA.
Monday, Feb. 8, 1993
Report Supplied by Auction

24 LOADS OF HAY, 50.00-88.00.
STRAW: 6 LOADS, 60.00-68.00.
WOOD: 14 LOADS, 25.00-61.00.
CORN: 4 LOADS, 35.00-55.00.
OATS: 1 LOADS, 1.75 AND 1.86 BU.

Leinbach's Hay

Shippensburg, PA
Feb. 6 and 9
Report Supplied by Auction

121 LOADS.
ALFALFA: GOOD 90.00-137.00, FAIR 60 00-85.00.
MIXED HAY: 55.00-95.00.
TIMOTHY: 59.00-115.00.
BROME GRASS: 59.00-115.00.
ORCHARD GRASS: 60.00-97.50.
STRAW: 40.00-62.50.
EAR CORN: 69.00-77.50.
OATS: 1.35-1.50 BU.
MULCH HAY: 40.00-52.00.
WOOD: 20.00-42.00 PICK-UP LOAD.

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Friday, Feb. 19 - 11:00 A.M.

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Lloyd H. Kreider, Auctioneer
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No out of state checks

In This Issue

Five Sections

FEATURES
Atlantic Locals A21
Family Orchards A22
Crops & Soils A23
Mifflin Holstein Breeders . A26
Farm Policy A30
Lancaster Extension A34
ABC Meetings A37
Fair Ribbons B11
Bread Machines B14
Leaner Meat B28

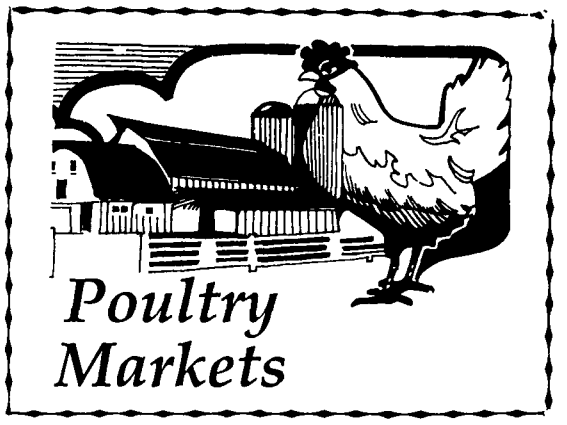
COLUMNS
Now is the Time A10
Taking Time ..... B 3
On Being A Farm Wife .... B 5
Have You Heard ..... B 7
Ida's Notebook ..... B 9
Poultry Pointers ..... C 2
Livestock Ledger ..... C 5
E-I-E-I-O ..... D 2

DEPARTMENTS
Editorial A10
Farm Calendar A10
Mailbox Markets B16
Sale Reports B25
Public Auction Register B30
Classified Ads ..... C 6, D10

DAIRY
DHIA Focus A27
Lancaster DHIA ..... D 6

HOME AND YOUTH
Homestead Notes ..... B 2
Home On The Range ..... B 6
Cook's Question Corner .... B 8
Kid's Korner B10

CORN TALK
Corn Grower Pres. ..... CT 1
High Yield ..... CT 2
Unharvested Corn ..... CT 2
Johnsongrass Control CT10
Five-Acre Results CT12, 29
Research Results CT20
Corn Silage CT22
Corn Mold CT23
Feed Additives CT27
Moldy Feed CT28
Grower's Experience CT30
Maturity Zone CT31
Budget Summary CT42
Top Producers CT43
Research CT44



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Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Feb. 9, 1993
Report Supplied by Auction

HEAVY FOWL 60-1.30
MIXED FOWL .75-1.70.
ROASTERS .60- 85.
FRYERS .50-.75.
GUINEA PIGS EACH 1.00.
GEESE .65.
BANTAMS 1 30-1.80.
ROOSTERS 1 00-2.30.
BUNNIES EACH 1.50-5.50.
TURKEYS 20-.25.
DUCKS .50-1 45.
RABBITS .80-1 25.
PIGEONS 2 40-3 00

WHITE EGGS· EXTRA LARGE & JUMBO 46-.77; LARGE .47-.70; MEDIUM 45-.68.

BROWN EGGS. EXTRA LARGE & JUMBO 56-.80, LARGE .48-.60; MEDIUMS .48

New England Shell Eggs

Wednesday, February 10, 1993

NEW ENGLAND: Prices paid to producers were lower, and prices to retailers were unchanged to lower. The trade sentiment was barely steady to weak Demand was light to fair. Supplies were adequate to fully adequate.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN RANGE JUMBO 72-.75, EXTRA LARGE 69- 72, LARGE 64- 67, MEDIUM 48- 51, SMALL 31- 34

BOSTON· PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE 89- 93, LARGE .84- 88, MEDIUM 68- 72

Heinsey's Poultry

Roots, East Petersburg
Tuesday, February 9, 1993

PRICES PAID DOCK WEIGHTS, CENTS PER POUND, EXCEPT WHERE NOTED RANGE

Rabbits 4-6 80 - 1 20, Rabbits 7-11 60 - 88
Bunnies 5 00 - 2 50 ea
Guinea Pigs .50 - 1 50 ea
Goats 34 00 - 42 00 ea
Kid Goats 19 00 - 32 00 ea
Total Coops Sold 171

Northeast Broiler/Fryer Market

Wednesday, February 10, 1993

Trucklot buying activity improved slightly but was still generally no better than fair Supplies were at least adequate with some competive pricing noted in an effect to reduce inventories. The market tone was about steady.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M , 10-FEB-93 PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES ITEM CURRENT NEGOTIATED TRADING BREAST - BONELESS SKINLESS 185-190 BREAST - WITH RIBS 93-94 BREAST - LINE RUN 93 LEGS 33-34 LEG QUARTERS 21-22 THIGHS 28-29 DRUMSTICKS 28-29 WINGS 36-37 BACKS AND NECKS (STRIPPED) 10-12.

LIVERS 25-30 GIZZARDS (HEARTS) 30-35

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Eastern PA & NJ Poultry

Atlanta, Ga.
Tuesday, February 9, 1993

Sales too few to report prices. Offerings of light type fowl are limited to short of processing needs. Availability of heavy hens is irregular, ranging about adequate to adequate for current needs. Demand moderate to good with additional inquiry noted from export channels Undertone at least steady on lights and about steady on heavies

CENTS PER LB , GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK

HEAVY TYPE (7 POUNDS AND UP) * AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT LIGHT TYPE AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT * WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

Weekly New York Egg Market Northeast Quotes

From Fri., Feb. 5 to Thurs., Feb. 11

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.79	.79	.77	.76	.74
EX. LARGE	.78	.78	.76	.75	.73
LARGE	.76	.76	.74	.73	.71
MEDIUM	.73	.72	.69	.68	.65
PULLETS	.62	.62	.60	.59	.57
OFF GRADE	.64	.64	.62	.61	.59
BROWN					
EXTRA LARGE	.92	.92	.90	.89	.85
LARGE	.88	.88	.86	.85	.81
MEDIUM	.69	.69	.67	.66	.62
OFF GRADE					
UNDERGRADES AND CHECKS	.31	.31	.29	.28	.26

BREAKING STOCKS: FRI. 48-50 LBS. 44.00-46.00, 50 LBS. AND UP 46.00-48.00; TUES. 48-50 LBS. 42.00-44.00, 50 LBS. AND UP 44.00-46.00; WED. 48-50 LBS. 41.00-43.00, 50 LBS. AND UP 43.00-45.00; THURS. 48-50 LBS. 39.00-41.00, 50 LBS. AND UP 41.00-43.00.

Philadelphia Eggs

Thursday, Feb. 11, 1993
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS CAUTIOUSLY STEADY TO WEAK. DEMAND WAS LIGHT TO MODERATE. SUPPLIES WERE ADEQUATE TO AMPLE, WITH GRADED LARGE THE MOST AVAILABLE. A EXTRA LARGE .67-.74½ , A LARGE .65-.72½ , A MEDIUM .59-.68.

Delmarva Broiler/Fryer Market

Wednesday, February 10, 1993

Movement of ready-to-cook whole birds was light to fair and generally disappointing. Seller offerings were adequate to fully adequate and premiums continued to be reduced in an effort to stimulate demand. Live supplies were moderate. Weights varied in a full range. Slaughter schedules were heavy with plants noting irregular schedules through next monday.

National Egg Market

Wednesday, February 10, 1993

NATIONAL EGG MARKET - AT A GLANCE Prices were unchanged to lower in the Northeast and Midwest, unchanged elsewhere The market tone was cautiously steady to weak. Demand was mostly light to fair. Supplies were adequate to ample. Breaking stock prices were generally lower, and supplies were at least adequate. Live hen markets were at least steady

New York & Phila. Frozen Egg Report

Tuesday, February 9, 1993

Prices were generally unchanged under a cautious but steady trade sentiment. Trading was limited. Raw materials were in good balance for current processor needs. Floor stocks were adequate.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) TRUCKLOTS LTL (MIN. 25 CONT.) RANGE MOSTLY RANGE WHOLE 49-51 50-51 52-60 BLEND (/) - - 55-64 WHITES 40-42 41-42 42-48 SUGARED YOLKS (MIN 43% SOLIDS) 52-55 52-53 55-63 SALTED YOLKS (MIN 43% SOLIDS) 49-52 50-51 52-60 (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Less than trucklot asking prices were unchanged to 1 cent higher at 51 to 60 cents; however,prices were negotiable at some plants. Breast items remained sluggish. Leg items were adequate; seller confidence varied, but was at least steady, mainly on leg quarters. Wings were steady.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT 02/10 02/08 02/08 02/03 02/01 2,241 2,256 4 72 2,249 4 66

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U S GRADE A RANGE 46-60 WEIGHTED AVERAGE 49.74 NO OF BOXES 10,279 *7 of 9 plants reporting.

N.E. Weekly Shell Egg Report

February, 9
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.05	1.00	.84	.67
N. HAMP.	.96-1.00	.91-.95	.75-.79	.58-.62
MOSTLY	.98-.99	.93-.94	.77-.78	.60-.61
RHODE ISLAND	1.01-1.05	.96-1.00	.80-.84	.63-.67
MOSTLY	1.01	.96	.80	.63
VERMONT	1.08	1 03	.87	

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We Buy Poultry Weekly For Cash!

- Leghorn Fowl
- Spent Fowl
- White Pigeons
- Bantams
- Bantam Roosters
- Broilers
- Rabbits
- Guinea Hens
- Muscovy Ducks

We Pick Up At The Farm
Watkin's Live Poultry
718-272-6712
bet. 7 AM & 6 PM
718-843-9302
After 7 PM

Green Dragon Livestock Sales

Location: 1 mile N. on North State St., Ephrata.

SALE EVERY FRIDAY
11:00 A.M. -Beef
6:00 P.M. -Small Animal Sale
Office 717-733-2444
Home 717-838-4318
WALTER H. RISSER,
Proprietor

Tend-R-Leen® Dairy Beef Meetings

Wed - March 17 - Lancaster, Pa.

Thurs - March 18 - Western, Pa.

1,150 - 1,250 Lb. Finished Steer In 13 Months

Dressing Percent Up To 62%

Feed Conversion of 5 to 5.5 Lbs. Per Pound Of Gain

Tender, Well-Marbled Beef With Less Exterior Fat And High Percent Of Retail Cuts

Agenda

10:00 AM - 2:00 PM
Lunch Provided

→ **Tend-R-Leen® Produces Quality Beef**

Reggie Destree
National Marketing Manager
Domain Industries

→ **Raising Tend-R-Leen® Beef**

- "Birth To Market in 13 Months"
- Housing and Management
- Health and Profitability

Jerry Woodard, Director Beef Feeds
Countrymark Coop, Columbus, Ohio

→ **Marketing Your Cattle**

Doug Kogel, Head Buyer
Moyer Packing, Souderton, PA

HOLSTEIN STEER - 1,225 LBS. - GROW OUT

- 13 Months -

25 Lbs. Pennfield All Milk Replacer	$17.73
450 Lbs. Tend-R-Leen 18% Starter #71809	61.86
475 Lbs. Tend-R-Leen 36% Finisher #73600	77.25
TOTAL COST PURCHASED FEED	**$156.84**
80 Bushels (4,480 lbs.) Whole Shell Corn @ $2.64/Bushel	$211.20
TOTAL FEED COST	**$368.04**
Vaccine & Implant	12.00
TOTAL	**$308.04**
90 Lbs. Start Weight - 1,225 Lbs. Finish Weight Cost Per Pound of Gain	$.335

* * * * * * * * * * * * * * * * *

PROFITABILITY @ 64¢ MARKET

Sales - 1,225 Lb. Finish Weight	$784.00
Cost - Feed and Vaccine	-380.04
Bull Calf Value	-120.00
EXPECTED GROSS PROFIT =	**$283.96**

Tend-R-Leen: A Profitable Way To Feed Beef Cattle.

The Tend-R-Leen program is simple and convenient with no complicated formulas. Cattle eat only whole shelled corn, supplemented with the Tend-R-Leen formula and mineral.

The Tend-R-Leen program eliminates roughage feeding, expensive storage and processing. There is no grinding; less equipment and labor are needed. And there's up to 50% less manure produced.

The Tend-R-Leen program gets animals to market weight in 12 months or less.

For Location & Reservation Call:

PA Only: 1-800-732-0467 Outside PA: 1-800-233-0202

Customer Service - Extension 8756, or Sandy - Extension 8791

pennfield feeds

New York Egg Market

Wednesday, February 10, 1993

Prices were lower. Trade sentiment continued barely steady to weak. Demand was light to fair. Floor stocks were held in a balanced position with the sluggish movement, and extra aggs were available, and adequate to instances ample.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE 71-73 LARGE 68-71 MEDIUM 63-66

National Grain Market

St. Joseph, Mo.

Wednesday, February 10, 1993

DAILY NATIONAL GRAIN SUMMARY. GRAIN AND SOYBEAN PRICES CONTINUED TO CLIMB HIGHER, WEDNESDAY, ON EXPECTED INCREASE IN U.S EXPORT ESTIMATES FOR CORN AND BEANS AND TIGHTNESS IN NEARBY DELIVERABLE WHEAT STOCKS. WHEAT UNCHANGED TO 3 CENTS HIGHER. CORN UNCHANGED TO 3 CENTS HIGHER. SORGHUM UNCHANGED TO 1 CENT HIGHER. SOYBEANS 1 TO 2 CENTS HIGHER. NEW CROP WHEAT RECEIVING SOME SUPPORT FROM SCATTERED CONCERNS ABOUT WINTERKILL. LIGHT EXPORT DEMAND ALSO A PLUS FOR WHEAT PRICES WITH SEVERAL TENDERS ON THE BOOKS. CORN AND SOYBEAN PRICES STRONGER ON REPORTS USDA IS EXPECTED TO RAISE U.S. EXPORT ESTIMATES.

EXPORT NEWS. USDA COMMODITY CREDIT CORP BOUGHT 50,000 TONNES U.S. SOFT WHITE WHEAT FOR DONATION TO ETHIOPIA AND 4,730 TONNES U.S. HARD FED WINTER WHEAT FOR DONATION TO HONDURAS FOR FEB/MAR SHIPMENT.

DATE CHANGE YEAR AGO TRUCK BIDS: 02/10/92 02/09/92 02/12/92 WHEAT: KANSAS CITY 3 72-3.75 UP 3 4.49-4 50 MINNEAPOLIS TRUCK BID 3.89 UP 3 1/4 4.57 1/4-4.58 1/4 PORTLAND 4.04-4.07 NC-DN 1 4.70-4 71 ST. LOUIS 3.80-3.83 UP 2 3.84-3.87.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.16-2.19 NC 2 61-2 62 MINNEAPOLIS 2 02 1/2 UP 1 2 44 1/4 SO IOWA 2 12 UP 3-NC 2.62-2.66 OMAHA 2 00 UP 1-NC 2 37-2 44

SOYBEANS, NO 1 YELLOW KANSAS CITY 5 60-5 62 UP 1 5 70-5 72 MINNEAPOLIS 5 43 3/4 UP 1/2 5 47 SO IOWA 5 59 UP 2 5 70-5 75 C ILL PROCESSORS 5 70 3/4-5 74 3/4 UP 1/2 5.70-5 80

*TRUCK BIDS FOR KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.52 1/4 UP 3 3/4 4.36 1/4 MINNEAPOLIS (MAR) WHEAT 3.39 4 UP 3 1/4 4.32 1/4 CHICAGO (MAR) WHEAT 3.68 UP 1 4.24 1/2 (MAR) CORN 2 13 1/2 NC 2 64 1/4 (MAR) SOYBEANS 5 68 3/4 UP 1/2 5 70

EXPORT. BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.10 1/4 UP 5 3/4 4.82-4.83 NO. 2 SOFT RED WINTER WHEAT 4.04-4.06 NC 4.61-4 64 NO. 2 YELLOW CORN 2.37 1/2-2.38 1/2 NC-UP 1/2 2.86-2.87 NO. 2 YELLOW SORGHUM RAIL 4.29 NC BARGE 4.29 UP 1 5 25-5.25 NO. 2 YELLOW SOYBEANS 5.96-5.97 NC 5 99-6 00

Kirkwood Hay Auction

Kirkwood, Pa.

Tuesday, Feb. 9, 1993

Report Supplied by Auction

105 LOADS OF HAY.

MIXED HAY: 1ST CUTTING 76.00-118.00; 2ND CUTTING 83.00-90.00.

TIMOTHY: 71.00-162.00.

ALFALFA: 1ST CUTTING 66.00-112.00; 2ND CUTTING 72.00-138.00; 3RD CUTTING 76.00-124.00.

CLOVER: 1ST CUTTING 84.00-110.00.

STUBBLE HAY: 49.00.
GRASS: 66.00-114.00.
WHEAT STRAW: 52.00-77.00.
BARLEY STRAW: 54.00-72.00.
OAT STRAW: 48.00-49.00.
WOOD: 22.00-72.00 LOAD.
OATS: 2 20 BU.
SALE TIME 11 A.M.

Kutztown Produce Auction Hay Auction

Saturday, Feb. 6, 1993

TOTAL LOADS: 30.
MIXED HAY: 62.50-99.00.
ALFALFA: 85.00-130.00.
TIMOTHY: 103.00.
ORCHARD GRASS: 62.50-119.00.
OAT STRAW: 60.00.
WHEAT STRAW: 60.00-67.50.
BARLEY STRAW: 67.50.
ALFALFA HAYLAGE: 50.00.
RED CLOVER SEED: 71.00 BU.
EAR CORN: SHELLED 2.45 BU.
FIREWOOD: 37.50-70.00 LOAD.

Regional Hay

February 8, 1993

Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER. PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY STEADY TO WEAK, STRAW STEADY.

ALFALFA 75.00-110.00, FEW REPORTED 125.00; MIXED HAY 60.00-120.00; TIMOTHY HAY 60.00-120.00; STRAW 40.00-85.00; MULCH 20.00-45.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 02/05/93. PRICES PER TON: LOADS: 365 HAY, 89 STRAW, & 20 EAR CORN.

ALFALFA 70.00-128.00; MIXED HAY 69.00-155.00; TIMOTHY HAY 80.00-146.00; STRAW 48.00-91.00; EAR CORN 65.00-82.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 02/05/93. PRICES PER TON: LOADS: 249 HAY, 40 STRAW & 13 EAR CORN.

ALFALFA 69.00-127.00; MIXED HAY 50.00-115.00; TIMOTHY HAY 55.00-102.00; STRAW 46.00-77.00; EAR CORN 57.50-70.00.

Keister's Hay

Middleburg, PA

Feb. 9, 1993

Report supplied by auction

57 LOADS OF HAY.
ALFALFA: 85.00-95.00.
MIXED HAY: 50.00-120.00.
TIMOTHY: 80.00-100.00.
MULCH HAY: 20.00-35.00.
STRAW: 14 LOADS, 40.00-60.00.
EAR CORN: 11 LOADS, 50.00-85.00.
OATS: 3 LOADS, 1.50-1.95 BU.
WOOD: 20.00-45.00 LOAD.

North Jersey Market

Hackettstown, N.J.

Tuesday, Feb. 9, 1993

Hay—Straw & Grain Report

ALFALFA HAY: 3 LOADS, 1.50-2.00 BALE.
MIXED HAY: 18 LOADS, 1.00-3.00 BALE.
GRASS HAY: 11 LOADS, 1.60-2.00 BALE.
WHEAT STRAW: 4 LOADS, 1.20-1.30 BALE.
RYE STRAW: 3 LOADS, 1.50-1.80 BALE.
SHELLED CORN: 2 LOADS, 5.75 BAG.
GROUND CORN: 4.50 AND 5.00 BAG.
CRACKED CORN: 1 LOAD AT 3.75 BAG.
OATS. 4 LOADS, 4.75-5.50 BAG.
TOTAL· 48 LOADS.

Frederick Co. Hay

Buckeystown, Md.

Thursday, Feb. 11, 1993

Report Supplied by Auction

47 LOADS. MARKET WEAK.
ALFALFA: 10 LOADS, GOOD 105.00-132.00, FAIR 80.00-95.00, 1 LOAD AT 1.75 BALE.
MIXED HAY: 4 LOADS, 45.00-75.00, 1 AT .70 BALE.
TIMOTHY: 9 LOADS, GOOD 100.00-125.00, FAIR 57.00-75.00.
GRASS HAY: 4 LOADS, 50.00-65.00, ROUND BALES 8 LOADS, 57.00-65.00, 13.00-19.00 EACH.
STRAW: 5 LOADS, 37.00-75.00.
WOOD: 5 LOADS, 66.00-86.00 CORD.

Friend's Stockyard Inc.

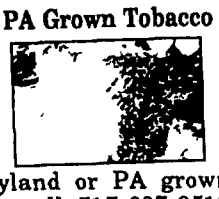
Accident, Md. 21520

Feb. 8, 1993

STOCK BULLS AND STEERS (200-500 LBS.) 67.00-95.00.
STOCK HEIFERS 55.00-84.00.
SLAUGHTER STEERS GOOD TO CHOICE 75.00-79.00; MEDIUM TO GOOD 68.00-74.50; HEAVY CHOICE OVER 1450 LBS. 75.00-77.50.
HOLSTEIN STEERS HEAVY 60.00-67.00; LIGHT 56.00-62.00.
SLAUGHTER HEIFERS GOOD TO CHOICE 75.00-78.60; MEDIUM TO GOOD 65.00-72.00.
BULLS HEAVY 55.00-71.00; LIGHT 50.00-61.50.
COWS FEW HIGH DRESSING 50.00-54.50; UTILITY HOLSTEIN 45.00-51.00, CANNERS 41.00-48.25, COMMERCIAL TO GOOD 42.00-47.50, CULL COWS 41.00 AND DOWN.
VEALS GOOD TO CHOICE 72.00-85.00, MEDIUM TO GOOD 50.00-70.00.
BOB CALVES 40.00 AND DOWN.
HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 130.00-181.00.
HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS.) 150.00-205.00.
BEEF X CALVES, RETURN TO FARM, UP TO 180.00.
HOGS: TOP QUALITY 42.00-43.25, HEAVY 41.50-42.25, LIGHT 35.00-40.00.
SOWS 28.00-34.00.
MALE HOGS: 24.00-32.00.
LAMBS: 70.00-77.50; LIGHT 75 LBS. UP TO 78.00.
SHEEP: 15.00-28.00.
LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!

Southboat Leaf Tobacco

Dealer in All Types of PA Grown Tobacco



Before you sell Maryland or PA grown tobacco on the farm, call 717-687-9517 between 7 & 8 a.m. for price or update Market report. Please make calls as short as possible to let next call come in.

24 Meadow Lane, PO Box 192
Paradise, PA 17562

PARADISE TRUCKING

Will haul type 609 or type 41 tobaccos.

Call Mitch at
717-687-0990

Closed truck available

A & C Diffenbach Auction Inc.

100 West Jackson Street • Box 186 • New Holland, Pennsylvania 17557
Office: (717) 355-7253 • FAX: (717) 355-9547

HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

MON.	MAR. 1	WHOLESALE FURNITURE	6:30 P.M.
WED.	MAR. 3	WINROSS TRUCK & TOYS	6:30 P.M.
FRI.	MAR. 12	FARM EQUIPMENT & SUPPLIES	9:00 A.M.
TUES.	MAR. 23	QUILT, CRAFT & BUGGIES	9:00 A.M.
WED.	MAR. 24	QUILT & CRAFT	9:00 A.M.

EQUIPPED FOR AN AUCTION AT YOUR PLACE OR OURS
ALAN DIFFENBACH AUCT. - AU2258-L

AUCTION — PARADISE TOBACCO SALES — AUCTION

FINAL SALES

MON., FEB. 15 10:00 AM
WED., FEB. 17 10:00 AM

Receiving Sat. From 7 AM to 1 PM, All Other Days 7 AM to 4 PM

We appreciate all farmers who have used the auction system to market their 1992 tobacco crop.

FOR SALE: Seed
TRUCKING AVAILABLE

PARADISE TOBACCO SALES
717-687-0990

We Are Dedicated To The Farm Community!
OUR CONCERN IS YOUR TOBACCO MARKET!

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS
EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc
See them weighed, sold and pickup your check

10:00 A.M.
HORSES
MULES

1:30 P.M.
BEEF SALE
SHEEP
GOATS
CALVES

THURSDAY

Beef Auction 10:00 A.M.

BULLS, STEERS, BEEF COWS

1:00 P.M.
STOCKERS & FEEDERS

11:30 A.M.
SHEEP
GOATS
CALVES

WEDNESDAY

HEIFER SALE 11:00 A.M.
COW SALE 12:00 NOON

HEIFERS BULLS

DAIRY COWS

We have the usual run of 50 to 100 Heifers, all ages. Loads of fresh cows and springers from our regular shippers. Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6:30 A.M. State graded from 8 to 12. Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538
Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047
Ron Ranck - 717-656-9849

Sale Barn Office Manager
Roger Floyd - 717-354-4341
FAX #717-355-0706

Order Buyer
Paul Good - 215-445-6662

Greencastle Livestock

Greencastle, Pa.
February 8, 1993

SLAUGHTER CATTLE RECEIPTS: 516 HEAD. SLAUGHTER STEERS: 109 HD. TREND: STEADY TO 1.00 HIGHER.

HIGH CHOICE AND PRIME 2-4, 79.00-81.00; CHOICE 2-3 950-1075 LBS. 72 00-74.00; CHOICE 2-3 1075-1375 LBS. 74.00-78.50; CHOICE 2-3 OVER 1375 LBS. 73.00-76.75; CHOICE 4 ALL WEIGHTS 69.00-73.75; SELECT & CHOICE 1-2 950-1100 LBS. 66.00-71.75; SELECT & CHOICE 1-2 1100-1375 LBS. 66.00-72.75; SELECT & CHOICE 1-2 OVER 1375 LBS. 65.00-71.50.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 66.00-72.00; SELECT 1-2 1050-1450 LBS. 59.00-65.00.

SLAUGHTER HEIFERS: 47 HD. TREND: STEADY TO 1.00 HIGHER. CHOICE 2-3 850-1000 LBS. 66.00-74.50; CHOICE 2-3 1000-1250 LBS. 72 00-79.00; CHOICE 4 ALL WEIGHTS 69 00-73.75; SELECT & CHOICE 1-2 850-1000 LBS. 63.00-70.75; SELECT & CHOICE 1-2 1000-1250 LBS. 65 00-72.75.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS 60 00-62.00; SELECT & CHOICE 1-2 1000-1350 LBS. 53.00-59.00.

SLAUGHTER BULLS: 24 HD. TREND: STEADY. YIELD GRADE 1 ALL WEIGHTS 62.00-71.00; YIELD GRADE 2 ALL WEIGHTS 55.00-61.00.

BULLOCKS: 10 HEAD. CHOICE 1-3 950-1150 LBS. 63.00-66.75; CHOICE 1-3 1150-1375 LBS. 63.00-67.75; SELECT 1-2 950-1250 LBS. 64.00-70.00.

COWS 326 HD. TREND: STEADY TO STRONGER. BREAKING UTILITY & COMMERCIAL 48.00-52.00; CUTTER & BONING UTILITY 48.00-53.75, CANNER & LOW CUTTER 47.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 711 HD., TREND, VERY GOOD DEMAND. BEEF TYPES: 200-400 LBS. STEERS 78.00-106.00, BULLS 76.00-101.00, HEIFERS 74 00-95.00; 400-600 LBS. STEERS 74 00-99.00, BULLS 70.00-82.00, HEIFERS 74.00-84.00; 600-800 LBS. STEERS 74.00-87.00, BULLS 66.00-76.00; HEIFERS 70.00-83.00; 800-975 LBS. STEERS 70.00-80.00, BULLS 62.00-68.50; HEIFERS 66.00-73.75.

HOLSTEINS AND DAIRY CROSS: 200-400 LBS. STEERS 70.00-82.00, BULLS 65.00-78.00; HEIFERS, 75.00-111.00; 400-600 LBS. STEERS 67.00-77.00, BULLS 60.00-66.00; HEIFERS, 70.00-85.00; 600-800 LBS. STEERS 62.00-65.00, BULLS, 57.00-62.00; HEIFERS, 60.00-69.00; 800-975 LB. STEERS 56.00-61.00, BULLS, 50.00-58.00, HEIFERS, 55.00-63.00.

CALVES: 579 HD. VEAL CALVES. TREND: STEADY TO STRONGER. CHOICE 150-300 LBS. 85.00-109.00; GOOD 150-300 LBS. 75.00-95.00; GOOD 100-150 LBS. 60.00-85.00; GOOD 80-100 LBS. 50.00-70.00; STANDARD 80-100 LBS. 45.00-60.00; STANDARD 80 LBS. & DOWN 45.00 AND DOWN.

CALVES RETURNING TO THE FARM: TREND: STRONGER. HOLSTEIN BULLS OVER 100 LBS. UP TO 200.00; UNDER 100 LBS. UP TO 190.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 200.00; UNDER 100 LBS. UP TO 185.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 195.00; BEEF TYPE HEIFERS OVER 90 LBS. 165.00.

SHEEP & LAMBS: 82 HD. LAMBS: TREND: STEADY. CHOICE 80-100 LBS. 68.00-75.00; 100-120 LBS. 67.00-74.00; 120 AND OVER 59.00-64.50; MEDIUM AND GOOD, ALL WEIGHTS, 65.00-75.00; LIGHT LAMBS 80.00-94.00.

SHEEP: EWES LEAN 26.50-35.00; EWES FAT 24.00-32.00; YEARLINGS 35.00-42.00; BUCKS 22.00-30.50.

GOATS: 75 HD.

HOGS, SOWS & BOARS: 172 HD. TREND: STEADY. HOGS, BARROWS & GILTS: 210-250 LBS. 41.50-43.35; 250-260 LBS. 41.50-42.50; 260-270 LBS. 40.00-41.00; 270-300 LBS. 38.00-40.50.

LIGHT HOGS: 140-180 LBS. 30.00-33.50; 180-210 LBS. 32.00-37.00.

SOWS: TREND: STEADY. GOOD SOWS UNDER 400 LBS. 31.50-35.50; GOOD SOWS OVER 400 LBS. 32.50-36.25; CULL SOWS ALL WEIGHTS 31.00 & DOWN.

BOARS: TREND: STEADY. 180-210 LBS. 30.00-31.50; 210-260 LBS. 31.00-32.00; 260-300 LBS. 28.00-30.00; 300 LBS. & OVER 27.00-29.50.

SALE EVERY MONDAY AT 2.00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE. FRIDAY, MARCH. 5, 1993, AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, FEB. 27, AT 1:00 P.M.

Westminster Livestock

Hagerstown, Md.
Feb. 9, 1993
Report supplied by auction

SLAUGHTER COWS: 80 HEAD, .50 HIGHER. UTILITY 47.50-51.00; HIGH DRESSING TO 54.00, 1 AT 55.75; CANNERS 43.00-47.50; SHELLEY 43.00 DOWN.

BULLS: YG#1 1350 LBS. TO 64.25; YG#2 1200-1500 LBS. 55.00-59.00; 6 CHOICE BULLOCKS 800-1050 LBS. 68.00-71.00.

FED STEERS: NO HIGH CHOICE OR PRIME. LOW CHOICE 1100-1300 LBS. 74.50; LOW CHOICE 950-1075 LBS. 69.00-77.00; HIGH CHOICE HOLSTEINS 1200 LBS. TO 69.75; LOW CHOICE TO 64.75.

FED HEIFERS: HIGH CHOICE 900-1100 LBS. 73.00-74.25; SELECT 1100-1350 LBS. TO 68.75.

VEAL CALVES: 1 PRIME 400 LBS. AT 107.00; LOW CHOICE 200-300 LBS. TO 93.00; GOOD 75.00-85.00; CULLS 85-110 LBS. 48.00-58.00; 50-80 LBS. 45.00-55.00; WEAK/ROUGH 42.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 95-120 LBS. 165.00-182.00; 90 LBS. 135.00-165.00; #2 80-110 LBS. 100.00-140.00; HOLSTEIN HEIFERS 95-120 LBS. TO 186.00; 80-90 LBS. TO 135.00; BEEF X BULLS TO 195.00; HEIFERS TO 182.00.

BUTCHER HOGS: 90 HEAD, 1.00 HIGHER. US#1&2 245 LBS. 43.00; 215-260 LBS. US#1&3 41.00-42.50; #2&3 38.00-41.00; 265-280 LBS. 37.50-39.50; 300-400 LBS. 31.00-35.00.

STOCK CATTLE: 105 HEAD. STEERS 200-400 LBS. 80.00-95.00; 500-700 LBS. 75.00-85.00; 700-900 LBS. 65.00-76.00; 900-1000 LBS. 67.00-73.00.

HEIFERS: 300-500 LBS. 68.00-77.00; 500-700 LBS. 67.00-78.00; 700-900 LBS. 54.00-66.00.

BULLS: 200-400 LBS. 80.00-93.00; 400-600 LBS. 74.00-90.00; 600-700 LBS. 63.00-76.00.

LAMBS: HEAVY WEIGHTS LOWER. CHOICE 100-120 LBS. 68.00-72.00; 80-95 LBS. 80.00-85.00; 50-70 LBS. 78.00-81.00; 40-50 LBS. 90.00-96.00; 20-40 LBS. 107.00-109.00.

SHEEP: 100-200 LBS. 28.00-37.00; 200-300 LBS. 20.00-26.00.

GOATS: LARGE 70.00-86 00; MEDIUM 45.00-60.00; SMALL 20.00-31.00.

PIGS AND SHOATS: 40 HEAD. BY THE HEAD 20-35 LBS. 15.00-19.00, 50-60 LBS. TO 35.00; BY THE POUND FOR SLAUGHTER, 120-180 LBS 15.00-19.00; 50-60 LBS. TO 35.00; BY THE POUND FOR SLAUGHTER 120-180 LBS. 21.00-35.00; 180-200 LBS. 35.00-36.25.

SOWS: GOOD DEMAND. 400-700 LBS. #1&3 32.00-35.75; THIN 300-500 LBS. 28.00-31.00.

BOARS: 400-700 LBS. 28.00-29.75.

NEXT TUES., FEB. 16, SELLING 6 YORK-LANDRACE X STOCK BOARS FROM TESTED HERD, WEIGHING 225-250 LBS.

THE FIRST SPECIAL FEEDER CATTLE SALE WILL BE TUES., FEB. 23, 7 P.M.

Frederick Livestock Auction

Frederick, Md.
Feb. 8, 1993
Report Supplied by Auction

SLAUGHTER COWS: 78 HEAD, ACTIVE BIDDING. UTILITY 48.00-51.50; HIGH DRESSING 52.00-54.50; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#1 1600-2150 LBS. 58.50-62.75; 1 1020 LB. AT 65.00.

FED STEERS: NO CHOICE OFFERED; STANDARD TO SELECT 1200-1500 LBS. 60.00-64.75; 1 STANDARD 950 LBS. AT 64.50.

FED HEIFERS: NO CHOICE OFFERED; 1 SELECT HOLSTEIN 1100 LBS. 64.25; FEW STANDARD 1100-1400 LBS. 52.00-57.00.

VEAL CALVES: LOW CHOICE 180-300 LBS. 91.00-97.00; 1 GOOD AT 80.00; CULLS, PRICES HIGHER! 85-110 LBS. 48.00-58.00; 50-80 LBS. 45.00-55.00; WEAK/ROUGH 42.00 DOWN.

FARM CALVES: HOLSTEIN BULLS, 10.00 HIGHER. #1 95-120 LBS. 165.00-188.00; FEW 90 LBS. 125.00-160.00; #2 95-125 LBS. 170.00-192.00; #2 75-90 LBS. 110.00-150.00; BEEF X BULLS TO 185.00; HEIFERS TO 125.00.

BUTCHER HOGS: US#1&2 215-260 LBS. 43.00-44.00; #1&3 42.00-43.00; 265-275 LBS. 38.50-42.00.

SOWS: FEW 400 LBS. AT 32.75.

BOARS: 400-600 LBS. TO 28.25; 200-300 LBS. 31.00-32.00.

STOCK CATTLE: STEERS, NONE.

HEIFERS: 1 HOLSTEIN 300 LBS. AT 101.00; BEEF TYPE 400-700 LBS. TO 66.50.

BULLS: 300 LBS. TO 80.00.

DAIRY COWS: 1 FRESH JERSEY AT 510.00.

LAMBS: CHOICE 50 LBS. TO 85.00; GOOD 55-70 LBS. 56.00-61.00.

SHEEP: 110-200 LBS. 27.00-34.00.

GOATS: 1 MEDIUM NANNY AT 47 00.

PIGS AND SHOATS: NO TESTED PIGS OFFERED.

DUE TO FEDERAL REGULATIONS ONLY FEEDER SWINE COMING FROM PSEUDORABIES TESTED HEREDS ARE ELIGIBLE TO RETURN TO THE FARM FOR FEEDING. ALL OTHER SWINE MUST BE SLAUGHTERED WITHIN 10 DAYS OF PURCHASE.

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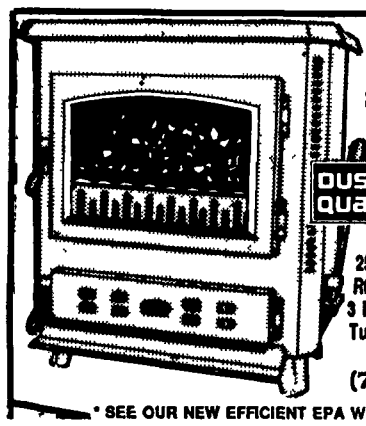

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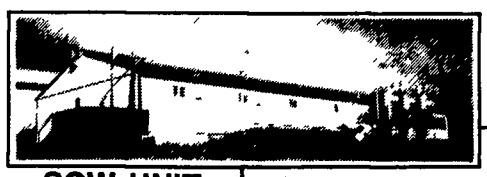
BUILD A NEW SOW UNIT/ 2000-3000 HEAD GROWER-FINISHER UNIT



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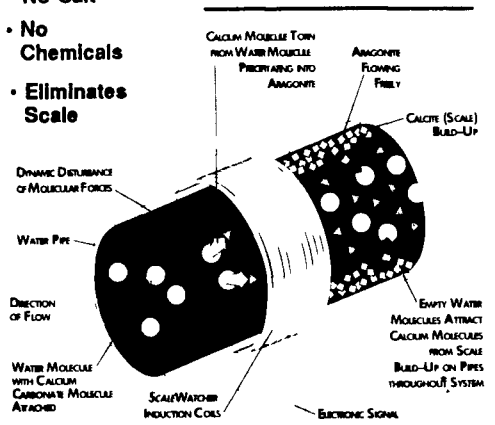

Calcium Molecule Torn from Water Molecule Precipitating into Aragonite
Aragonite Flowing Freely
Calcite (Scale) Build-Up
Dynamic Disturbance of Molecular Forces
Water Pipe
Direction of Flow
Water Molecule with Calcium Carbonate Molecule Attached
ScaleWatcher Induction Coils
Electronic Signal
Empty Water Molecules Attract Calcium Molecules from Scale Build-Up on Pipes throughout System

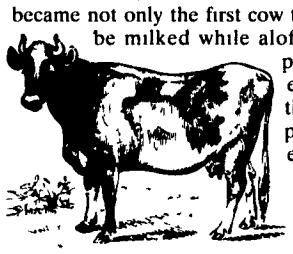
The OLD FARMER'S ALMANAC THIS WEEK WITH

FEBRUARY 15-21, 1993

WINTER'S BACK BREAKS NOW.

SPILT MILK?

In 1930 there were 21 9 million cows in the United States. Collectively they produced 116 6 billion pounds of milk. One of those cows, a Guernsey from Missouri, contributed part of that milk under rather unusual circumstances On February 18, 1930, the brave cow boarded a plane at the St Louis International Air Exposition. With a corps of reporters in attendance, Elm Farm Ollie made aviation history as she became not only the first cow to fly but also the first cow to be milked while aloft. The milk was sealed into paper containers and parachuted over St Louis — proving that while it may be true that pigs don't fly — cows, apparently, do!



Milk the cow that standeth still.

TIP OF THE WEEK

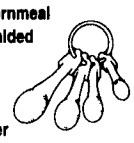
☞ **Use a cloth wrung out in milk to clean and whiten piano keys.**

EARTHWISE

Pet bunnies, gerbils, and their various cousins, as well as chickens and ducks, would love a treat of salad greens in the winter Check with the produce manager of your local store Grocers always try to "clean up" the produce to make it more attractive to shoppers He's probably discarding large boxes of nutritious but funny-looking lettuce leaves and vegetable trimmings every week and would be glad to have you cart some away It's basic recycling and pet pampering at the same time

INDIAN PUDDING

¼ cup molasses
3 tablespoons cornmeal
3½ cups milk, scalded
1 egg, beaten
½ cup sugar
½ teaspoon salt
½ teaspoon ginger
½ teaspoon cinnamon
2 tablespoons butter
½ cup cold milk



Stir molasses and cornmeal into hot milk and cook gently, stirring, until thick Remove from heat Combine egg, sugar, salt, and spices; add to cornmeal Pour into greased 1-quart casserole Bake at 325° F for 30 minutes Add butter and cold milk, do not stir Continue baking for 1 hour

Makes 4 servings.

The OLD FARMER'S WEATHER FORECAST

NORTHEAST: Clear and mild, heavy rain south, sleet and snow west, then heavy snowstorm.

SOUTHEAST: Cloudy, showers, very heavy rain deep south, seasonable and sunny, cold, light frost northern Florida

MIDWEST: Snowstorm, cold, heavy snow north then seasonable and clearing

NORTHWEST: Colder, freezing rain, with snow mountains, then clearing and warming, heavy rain coast

SOUTHWEST: Rainy and cold, some snow mountains; then clearing and warming

Four States Livestock

Hagerstown, Md.
Feb. 10, 1993
Report supplied by Auction

SLAUGHTER COWS: 100 HEAD, STEADY PRICES. UTILITY 48.00-51.50; HIGH DRESSING 52.00-54.75; CANNERS 43.00-47.50; SHELLY 43.00 DOWN.

BULLS: YG#1 1200-1900 LBS. 61.00-62.50; YG#2 54.00-59.50.

FED STEERS: CHOICE 1100-1400 LBS. 75.00-77.00; OVER 1400 LBS. 68.00-76.00; LOW CHOICE 1000-1350 LBS. 71.00-75.00; STANDARD HOLSTEINS 57.00-62.00.

FED HEIFERS: HIGH CHOICE 1100-1350 LBS. 74.50-78.75; LOW CHOICE 68.00-72.00; 850-1050 LBS. 65.00-72.50.

VEAL CALVES: LOW CHOICE 200-300 LBS. 85.00-91.00; GOOD 75.00-85.00; CULLS, PRICES HIGHER. 85-110 LBS. 50.00-61.00, FEW TO 68.00; 50-80 LBS. TO 58.00; WEAK/ROUGH 48.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 95-120 LBS. 165.00-190.00; 90 LBS. TO 160.00; #2 100.00-145.00; HOLSTEIN HEIFERS #1 95-120 LBS. 150.00-184.00; 75-90 LBS. 90.00-150.00; BEEF X BULLS TO 125.00.

BUTCHER HOGS: 2.00 HIGHER. US#1&2 230-260 LBS. 44.00; 215-260 LBS. #1&3 42.00-43.50; 190-210 LBS. 38.00-43.00; SEVERAL 300-450 LBS. 35.00-41.00.

SOWS: 300-500 LBS. 33.00-35.00; FEW #1&2 37.00-41.50.

BOARS: 400-600 LBS. 29.00-30.25; 220-260 LBS. 31.00-33.25.

STOCK CATTLE: 115 HEAD. STEERS 200-400 LBS. FEW TO 91.00; 400-500 LBS. 75.00-94.00; 500-600 LBS. 74.00-82.00; 600-800 LBS. 68.00-80.00; HOLSTEINS 900-1050 LBS. 54.00-59.00.

HEIFERS: 300-500 LBS. 72.00-85.00; 500-700 LBS. 64.00-77.00; 700-900 LBS. 63.00-73.00.

BULLS: 200-400 LBS. 74.00-86.00; 400-600 LBS. 70.00-79.00; 600-800 LBS. 62.00-72.00; 800-900 LBS. 54.00-68.00.

DAIRY REPLACEMENTS: LARGE SPRINGERS 900.00-1200.00; MEDIUM 700.00-900.00; SMALL FRESH TO 600.00; HOLSTEIN HEIFERS 500-700 LBS. TO 71.00.

LAMBS: HIGH CHOICE 80-100 LBS. 77.00.

SHEEP: 20.00-34.00.

GOATS: LARGE NANNIES TO 63.00; MEDIUM 45.00-55.00.

PIGS AND SHOATS: NONE OFFERED.

TO SELL NEXT WED. 17TH. DAIRY CONSIGNMENT SALE. PROMISED: 2 PUREBRED HOLSTEIN BULLS 900-1000 LBS. SIRED BY LEADMAN AND RAMBO DAMS HAVE RECORDS TO 20,000 LBS.

WASHINGTON CO. 4-H & FFA HOG SHOW WILL BE TUES., FEB. 16, 7 P.M. HOGS WILL BE SOLD WED., FEB. 17, AROUND 8:30 P.M.

THE FIRST SPRING FEEDER CATTLE SALE WILL WE WED., FEB. 24. DEMAND IS STRONG ALREADY!

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Robert B. McSparran
President

"At Atlantic Dairy Cooperative, our mission is to maximize returns to members. In the past five years, we returned more than $124 million to members in equity payments, over-order premiums and quality bonuses. That's an average of $35,500 per member. And these extra dollars are continuing at the rate of $1.5 million a month.

"When non-members ask me why they should belong to Atlantic Dairy Cooperative, I am happy to report that we are financially healthy, strong in membership and growing in sales. ADC is the region's largest and most fiscally-sound cooperative, with a guaranteed market and outstanding benefits.

"More dairy farmers joined us last year than at any time in the past decade. If you are not an ADC shipper and are worried about your own milk market, then you should talk to the cooperative that is facing the future with confidence."

adc
Atlantic Dairy Cooperative

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1-800-645-MILK

75 Years of Service to Dairy Farmers

Virginia Cattle & Hogs

Virginia Weekly

Richmond, Va.

Wednesday, February 10, 1993

WEEKLY REVIEW IN VIRGINIA REVIEW OF VIRGINIA DIRECT HOGS FOR THE PERIOD FEBRUARY 3-9, 1993. RECEIPTS FOR COUNTRY BUYING STATIONS IN VIRGINIA FOR THE PERIOD TOTALED 1691 HEAD. RECEIPTS FOR DELIVERY TO THE PLANT (WITHIN A 30 MILE RADIUS) FOR THE PERIOD TOTALED 3307 HEAD. THE VIRGINIA DIRECT HOG MARKET FOR TUESDAY FEBRUARY 9 CLOSED $.50 LOWER COMPARED TO LAST TUESDAY'S TRADING.

BARROWS AND GILTS: VIRGINIA COUNTRY POINTS U.S. 1-3 220-250 LBS 39.50-43.00 LOCAL PLANT DELIVERED (30 MILE RADIUS).

US 1-2 220-250 LBS. 42.00-43.00 FEW 43.50 US 2-3 220-250 LBS. 41.00-42.00 US 1-3 200-210 LBS. 38.00-39.00 US 1-3 210-220 LBS. 40.00-41.00 US 2-4 250-260 LBS. 39.00-40.00 US 2-4 260-270 LBS. 37.00-38.00 US 3-4 270-280 LBS. 35.00-36.00 US 3-4 280-300 LBS. 33.00-34.00.

SLAUGHTER STEERS AND HEIFERS 5%; SLAUGHTER COWS 18% SLAUGHTER BULLS 2%, SLAUGHTER CALVES AND VEALERS 0%; FEEDER CATTLE UNDER 600 LBS 53%, OVER 600 LBS 22%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS. SLAUGHTER CATTLE. TOTAL HEAD COUNT 32 STEERS CHOICE 2-3 1300-1450 LBS 72.00

HEIFERS CHOICE 2-3 900-1100 LBS ----- CHOICE 2-3 1050-1300 LBS ----- SLAUGHTER COWS TOTAL HEAD COUNT 1211 UTILITY & COMMERCIAL COWS 41.00-53.00.

SLAUGHTER BULLS: HEAD COUNT 146 BULLS - 1-2 900-1300 LBS 54.00-66.50 1-2 1300-1600 LBS 48.00-65.25 1-2 1600 LBS & OVER 50.25-66.25.

SLAUGHTER CALVES & VEALERS TOTAL HEAD COUNT 25 HEAD CALVES - GOOD AND CHOICE 250-500 LBS 67.00-76.00.

SLAUGHTER LAMBS TOTAL HEAD COUNT 433 CHOICE & FEW PRIME 1-2, 95-125 LBS WOOLED 62.00-74.00 CHOICE 1-2 85-125 LBS WOOLED 69.00-82.00 GOOD & LOW CHOICE 75-90 LBS 65.00-69.00.

SLAUGHTER HOGS TOTAL HEAD COUNT 135 US 1-3 200-250 LBS 37.00-40.80 SOWS US 1-3 300-500 LBS 31.50-36.00 500 LBS & OVER 31.00-35.00.

FEEDER CATTLE TOTAL HEAD COUNT FOR ALL WIEGHTS 4455 STEERS: MEDIUM 1 200-300 92.00-108.00 300-400 85.00-99.00 FEW 102.00-106.00 400-500 84.00-99.00 500-600 76.00-98.00 600-700 71.00-87.00 700-800 74.00-85.25 800-900 70.50-80.75 HEIFERS: MEDIUM 1 300-400 75.00-90.00 400-500 74.00-89.00 500-600 70.00-80.00 600-700 64.00-77.50 700-800 62.00-72.50 800-900 63.00-72.00.

SLAUGHTER CATTLE 265 HEAD SOLD AT FRONT ROYAL & MARSHALL VIRGINIA FOR THE WEEK OF FEBRUARY 2-8, 1993.

STEERS CHOICE 2-3 1150-1300 LBS 74.00-79.00 CHOICE 2-3 1300-1450 LBS 74.25-78.25 CHOICE 2-3 1490-1585 LBS 71.00-74.00 SELECT 2-3 1000-1300 LBS 70.00-74.75 SELECT 2-3 1300 & OVER 62.00-74.00 HEIFERS CHOICE 2-3 950-1100 LBS 69.10-76.50 CHOICE 2-3 1100-1300 LBS 65.00-77.75.

North Virginia

Southside (Blackstone), Va.

Wednesday, February 10, 1993

PRICES BASED ON IN WEIGHTS.

SLAUGHTER CATTLE 47 HEAD - SLAUGHTER COWS AND SLAUGHTER BULLS STEADY.

SLAUGHTER COWS 42 HEAD COWS CUTTER & BONING UT. 1-3 44.00 - 52.25 BREAKING UT. & COMM. 2-4 43.75 - 50.50.

SLAUGHTER BULLS 5 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 58.00 - 65.00 Y.G. 1-2, 1600 LBS. & OVER 65.25.

FEEDER CATTLE 229 HEAD - FEEDER CATTLE STEADY.

STEERS 53 HEAD MEDIUM 1 SMALL 1 MED & LARGE 2 300-400 94.00 - - 400-500 87.00- 92.00 78.50-85.00 80.00- 85.00 500-600 89.00 - 80.00-82.50 600-700 86.00 - 75.00- 76.00.

HEIFERS 78 HEAD MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 - - - 94.00 300-400 84.00- 86.50 84.00- 86.50 - 80.00- 87.50 400-500 76.00-82 50 76 00- 82.50 - 73 00- 82 00 500-600 74.00- 78.00 74.00- 78.00 - - 600-700 72.25- 74.50 72.25- 74.50 - 65.50- 70 00 700-800 - - 56.00- 59.00 - 800-900 - - - - BULLS 98 HEAD MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 92.00-100.00 92.00-100 00 92 50 105.50 300-400 89.00- 94.00 89.00- 94.00 80 00-85.00 87.50- 99.00 400-500 81.00- 85 00 81 00- 85.00 72.50 87.00 500-600 76 00 76 00 68.00- 70.50 70.00- 74 50 600-700 71 00- 75 00 71.00- 75 00 - - COWS RETURNED TO FARMS 51 HEAD - M&L-1, 6-10 YRS OLD $520 00-620 00 PLR HEAD COWS WITH CALVES AT SIDE 43 PAIR - M&L-1, 6-10 YRS OLD FEW 8-12 YRS OLD WITH CALVES $465.00-820.00 PER PAIR. BABY CALVES RETURNED TO FARMS 24 HEAD NEWBORN TO 4 WK OLD $27 00-120.00 MOSTLY $40.00-100 00 PER HEAD. OVER 100 LBS $132.50-137.50 PER CWT.

Orange, Virginia

NOT AVAILABLE.

Smithfield, Virginia

NOT AVAILABLE.

Oklahoma City Feeder Cattle

Oklahoma City, Okla.

Wednesday, February 10, 1993

ATTN: DODGE CITY OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY: Compared to last week: Feeder steers over 600 lbs. $1.00-$2.00 higher; stocker steers and steer calves $2.00-$4.00 higher. Feeder heifers and heifer calves steady to $1.00 higher. Trade active with very good demand for steers; moderate demand for heifers. Quality of supply average thru attractive. Conditions also attractive to buyers with bulk of feeders and stockers in average thru moderately thin flesh and largely average to gaunt weigh conditions Slaughter cows fully $1 00 higher, slaughter bulls steady. Cow and bull demand good. Receipts this week 6,400; last week 10,447; last year 9,707 Supply consisted of 67 percent feeders over 600 lbs.; 27 percent calves under 600 lbs , 6 percent cows and bulls Bulk price ranges follow. Weighted averages in parenthesis.

Feeder Steers: Medium and Large Frame 1, 325-400 lbs. $109 00-$116 50 ($113.90); 400-500 lbs. $104.25-$112 00 ($107.83); 500-550 lbs. $95 00- $103.50 ($97.72), 550-600 lbs. $91.75-$97.00 ($94.20); 600-700 lbs. $86.50-$92.75 ($89.45); 700-800 lbs. $85.50-$88.25 ($86.67), 800-850 lbs. $84.50-$88.00 ($86 04); 850-900 lbs. $82 00-$85.25 ($83 96), 900-1000 lbs $80 00-$85 25 ($81 64) Large Frame 2 Holsteins, 410 lbs. bulls $86.00; 500-625 lbs. $75 25-$80.00; 650-775 lbs $71.00-$74.50; 775-800 lbs. $67 00-$69.75; 900-925 lbs $67 00-$68 00

Feeder Heifers· Medium and Large Frame 1, 325-375 lbs. $94 00-$104 00 ($97.27); 400-500 lbs. $85.50-$93 50 ($90.32); 500-550 lbs. $87.50-$92 00 ($88 91), 550-600 lbs $83.00-$87 25 ($85 37), 600-700 lbs. $82 50-$87.00 ($84 79), 700-800 lbs. $78 75-$83 00 ($81 84), few 800-850 lbs. $78 75- $83 00.

Slaughter Cows. Cutter, Boning, and Breaking Utility Y G. 1-4, average dressing $48 25-$51.00; high dressing $51.50-$55 00 Canner $38 00-$45.00

Slaughter Bulls· Y G. 1 1250-2300 lbs average dressing $58.00-$61.50, high dressing $62.00-$66.00, high dressing/high boning $67.00.

New Holland Dairy

New Holland Sales Stables

Wednesday, Feb. 10, 1993

Report supplied by auction

DAIRY COWS 76; HEIFERS 86 AND 7 BULLS. MARKET STEADY.

PENNSYLVANIA FRESH COWS 1060-1200.00.

WISCONSIN FRESH COWS 1175.00-1675.00.

CANADA FRESH COWS 1010.00-1425.00, SPRINGERS 990.00-1175.00.

CANADA SPRINGERS 1010.00-1300.00.

LOCAL COWS FRESH 810.00-1225.00, SPRINGERS 985.00-1125.00.

OPEN BREEDING AGE HEIFERS 600.00-740.00.

SPRINGING HEIFERS 735.00-1125.00, PUREBRED 985.00-1210.00.

SMALL OPEN HEIFERS 310.00-490.00.

SHORTBRED HEIFERS 680.00-975.00.

BULLS 680.00-770.00, PUREBRED 875.00-1100.00.

HAY, STRAW & GRAIN SALE

Every Thursday at 1 p.m.

Auction will continue all year long

Vintage Sales Stables, Inc.

(Rt. 30, 10 miles east of Lancaster in Paradise, PA)

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Glenn S. Frame Mgr.

VINTAGE SALES STABLES, INC.
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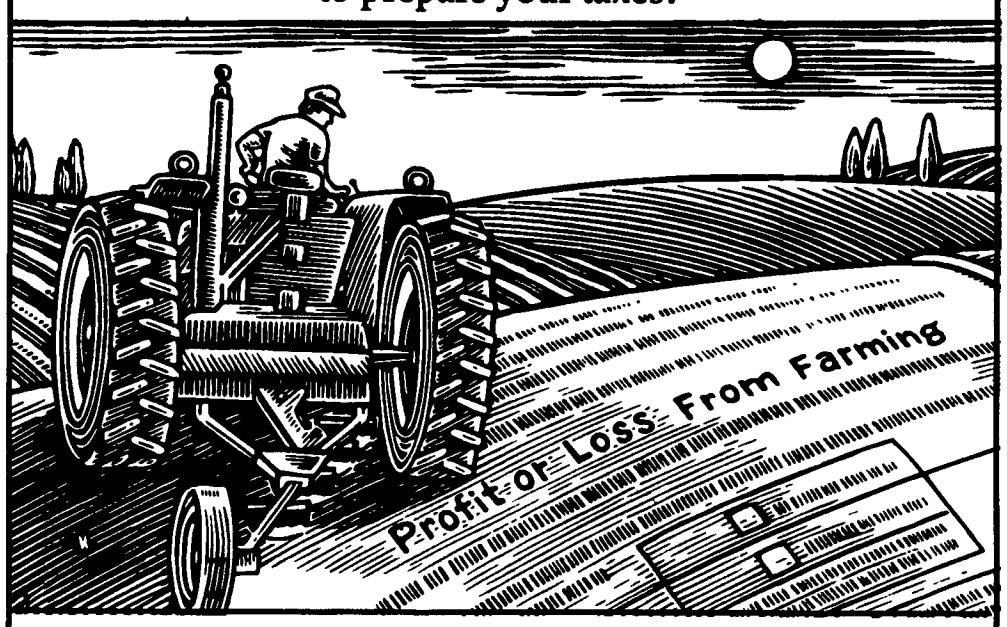
FARM CREDIT IN PENNSYLVANIA

Plowing through your records... to prepare your taxes?



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WHOLESALE & RETAIL

Lancaster Farming

OPINION

Farmers Should Be Complimented

You usually serve environment and the public best when you cultivate the land in the most cost effective manner. Grant Troop, president of the Pennsylvania Master Corn Growers, said it best.

"...when you look at what pays and what doesn't, the limits of economy are in line with what's best for the environment," Troop said.

Chemicals are needed for weed control. Fertilizers are needed as plant food. When chemicals are used according to label restrictions, they serve food production well and do no harm to the environment. Harmful chemicals have been taken from the market long ago.

And when fertilizers are applied according to present plant needs in proper applications according to soil tests, no excess nutrients build up in the soil. And the environment sustains mankind in the process. This applies to farming.

But the same principle of management applies to other land uses as well. It makes no sense to allow a renewable resource to rot and go to waste. Plants and trees can be used or harvested and new replacement crops planted. Young healthy plants and trees are better for the environment than dead and rotting trees in a forest. Barren fields left to wild growths of obnoxious weeds and deteriorating soils cost taxpayers money.

Farming contributes to the public good by providing a bountiful food supply. And farming contributes to the environment by holding off development, keeping the soil porous so rainwater can be asborbed and by growing millions of plants that help keep the air clean. Farmers should be complimented, not berated, for their efforts and contributions to society and the environment.

Farm Forum

Editor:

Some decades ago there were 20,000,000 farmers in America. That number dwindled until, as of July, there were 900,000, and each day since it declined by 2,000. It could be that there are just about 600- to 700-thousand farmers now.

Divide 600,000 into 260,000,000 Americans and that comes out to over 400 persons per farmer, for whom those farmers have to provide food and supplies. Add to those 400 Americans per farmer about another 400 foreigners. No farmer can provide all the needs for 800 people. That's impossible.

It looks like the big question is coming over the horizon — Who shall eat and who shall not?

It's not that the population expanded that is the problem; it is that the number of farmers have declined.

The environmentalists, DER, EPA, OSHA, labor laws, ordinances, wildlife-lovers and the kind are absolutely responsible for the decline and scarcity of the farmers. There should be no less than 5 million farmers to provide the needs for the people.

Our politicians failed to understand this. It's too late to understand or do much about it, because the damage is here.

They'll have to forget the environmental laws, and stop harassing the farmers.

Farmers don't have to produce food at all and do it in fear. But everybody has to eat.

Food is more important than the environment or the Bay. People drink out of the river down to the Maryland line. Baltimore is the biggest polluter of the Bay. What's more is the fish and aquatic life in the Bay discharge more excrement into the Bay than all the livestock in Pennsylvania, Maryland, New York and Delaware do.

It's time to get off of the backs of the farmers and forget all environmental laws including the nutrient bill.

Forty million people in America are starving and, if the environmentalists have their way, most of America will starve.

Paul Holowka
York

Farm Calendar

Saturday, February 13

Cumberland County Holstein Club annual meeting, Penn Twp. Fire Hall, Huntsdale, 10:45 a.m.

Small and Part-Time Farmer Workshop, Clarion Co. Vo-Tech.

Sunday, February 14
Happy Valentine's Day!

Monday, February 15

Pa. Nursery Conference, Hershey Convention Center, thru Feb. 17.

Crop Production Satellite Seminar, Grain Crops.

Bradford Co. Dairy Day, Troy Middle School, Troy, 9:30 a.m.-3:30 p.m.

Tunnel Ventilation of Dairy Barns, Lancaster Farm and Home Center, 1 p.m.

New Holland Vegetable Day, Summit Valley School, New Holland, 9:30 a.m.-3:15 p.m.

ABC Dist. 5, Southern Lancaster, Hoffman Bldg., Solanco Fairgrounds, 7 p.m.

ABC Dist. 6, Maryland Emory Church, Street, Md., noon.

ABC Dist. 10, Fayette, Firmani's Rest., Uniontown, 10:30 a.m.

ABC Dist. 12, Redwood Restaur-

(Turn to Page A31)

NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Acclimate Young Cattle

According to Chester Hughes, extension livestock agent, the first few days calves and young cattle are in the feed yard will have the biggest influence on your profits.

Newly arrived cattle typically face a great deal of stress when they arrive to the feed yard. They may be arriving after hours on a truck only to find themselves confronted by unfamiliar surroundings.

The stress may be such that the cattle do not even recognize the feed bunk or the feed in it. Several basic steps may help smooth the transition and encourage the new arrivals to settle and begin normal eating.

Start the cattle on a mixture of high quality long stem grass hay and concentrate. The ration should be 40 to 60 percent concentrate (14 percent protein, 0.67 percent calcium, 0.45 percent phosphorus, 0.80 percent potassium, and about 2,000 units of vitamin A per pound dry matter). Lean toward the lower concentrate mix if steers or heifers are headed toward a high roughage ration; pick the higher concentrate level if their destination is a finishing diet.

Over the first three to four days, begin reducing the hay component of the mixture until you are putting no hay in the bunk. Start dusting the ration with silage in place of hay. Cattle should be ready to move to a regular feeding program within 14 to 21 days.

To Reduce Stress On Newly Arrived Cattle

To minimize stress on newly arrived calves and young cattle, Hughes suggests a probiotic and vitamin B be included in the feed if the cattle have been off feed for more than a few days. Also, antibiotics may be appropriate if the cattle have been stressed severely or otherwise may be likely candidates for shipping fever.

A coccidiostat should be given to calves or cattle that have been through public marketing channels. Design the vaccination and processing program to fit what you know about the history of the calves and cattle being received.

If possible, postpone any castration, dehorning or other stress-creating management steps until the new arrivals have adjusted to their surroundings and settled on to feed.

To Buy High Quality Pullets

The quality of the pullet going into the laying house is one of the biggest factors determining egg production.

Frank Baber, DeKalb, at the recent poultry management seminar, showed actual production graphs where the number of eggs produced to 30 weeks of age varied by 16 eggs per hen housed. This translates into a income difference of at least 64 cents per bird.

Trying to buy or produce the cheapest pullet is not the most profitable. That 64 cents bird difference will easily pay for proper feeding, heath, and growing programs. Also, we must recognize the geneticist has changed the genetics of today's laying hen.

To take advantage of these changes, we must make adjustments to both our pullet growing programs and laying house management. If you have not made adjustments in your management programs during the last five years, you should re-evaluate them.

Discuss these programs with your chick and feed sales people. At 64 cents per bird, now is the time to take action.

Feather Prof's Footnote: "Quality only happens when you care enough to do your best."

Dear Editor:

I would like to add to the article covering the dairy industry's meeting with Sen. Wofford's office.

Every dairy farmer in the country would feel the shock waves if the post-communist countries and third-world nations are givend uty-free access to our market. They are not under the gun to produce quality milk.

We pay the U.S. government to store "surplus" dairy products in the spirit of the deficit-reduction bill.

We pay the USDA in order to advertise our milk and dairy products.

The U.S. dairy farmers will feel the blast of the media when imported cheese is found to have residues or poor quality. It will affect all of us and it would undermine all the effort we put forth in advertising our own product.

Highly subsidized Western European nations such as England and Germany could send milk into

(Turn to Page A30)

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

HERIT BADGE RELIGION
February 14, 1993

Background Scripture:
Romans 10.
Devotional Reading:
1 Corinthians 9:19-27.

Lots of things in life work on the merit basis--or are supposed to: school, scouting, profession, employment, athletics, awards, medals and honors.

Many expect merit to be the basis of religion too. Whatever religious awards there are--salvation, eternal life, and so forth--it is logical that we would assume that those benefits are to be appropriated on the basis of our personal merit: the more righteous we are, the greater our reward. If we attain this, it is our accomplishment.

Paul says: "I bear them witness that they have a zeal for God, but it is not enlightened. For, being ignorant of the righteousness that comes from God, and seeking to establish their own, they did not submit to God's righteousness. For Christ is the end of the law..." (10:2-4).

UNENLIGHTENED

The merit approach tended to make people proud and arrogant, not humble. Instead of focusing on the goodness of God, people were intent on their own legal merit--righteousness as a personal achievement rather than a divine gift. That is still true, isn't it? Arrogant pride is often the result.

The merit approach also leads some people to go in the opposite direction. Instead of becoming complacent with their moral performance, they despair of salvation because they know they can never be righteous enough. These people go through life suspecting that they are too sinful to be saved, that their sin is greater than God's grace.

Legalism tends to tunnel vision. Focused on living up to certain rules, we tend to overlook other moral imperatives that may be even more important. If we achieve respectable lifestyles--don't steal, get drunk, commit adultery, kill or blaspheme, but go to church and pay our pledge--we may likely assume that is all that God requires of us. We forget that 'respectability' has to do with how other people regard us, while 'righteousness' is concerned with how we relate to God.

A SUBSTITUTE FOR GOD

The 'law' can become a substitue for God. In the 10 commandments it is specified that Israel shall have no other gods before the Lord and forswear idolatry. But their passion for the law sometimes superseded their passion for God and their pharasaic approach to the law often became an idol that they venerated in place of God.

Finally, Paul saw they were wrong in assuming that righteousness produced salvation. In actuality, says Paul, salvation produces rightcousness. No matter how well he kept the law, Paul realized he could never be righteous enough to merit God's salvation. Only the undeserved love of God--grace--could save him. But, because he was saved by God's love, he then was motivated to live righteously and that often took him considerably beyond the law.

If merit badge religion is right, I don't have a chance, for, like Paul, I can never be good enough to merit God's love. But if Paul is right, God's love is dependent, not upon me, but upon his own gracious nature and will. And, if he loves me and saves me, just as I am, then I will do all I can to show my gratitude and thanksgiving in living as righteously as I can.

You, too?

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Established 1955
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Philadelphia Vegetables

Philadelphia, Pa.

Wednesday, February 10, 1993

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(Turn to Page A13)

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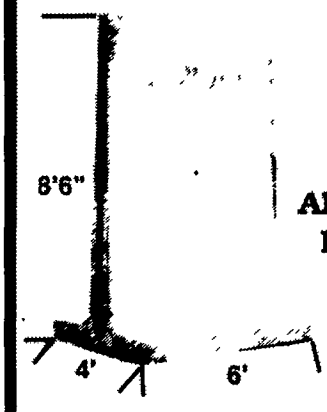

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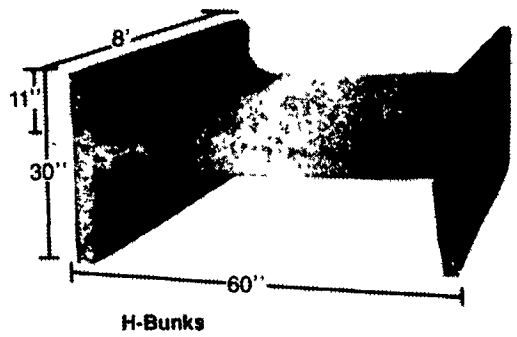

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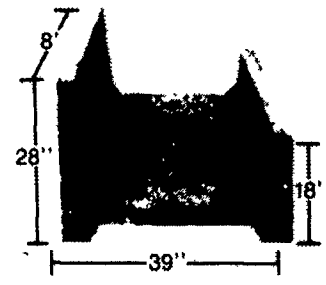

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(Continued from Page A12)

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Philadelphia Potato & Onion

Philadelphia, Pa.
Wednesday, February 10, 1993

ONIONS AND POTATOES ---ONIONS DRY: MARKET YELLOW JUMBO LOWER, OTHERS ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. OLD CROP Yellow Globe Type MI 50 lb sks med 8 00-8 50 NY 50 lb sks med 8 00-10 00 few 11 00 ord qual 3 00 sml-med 7.00 mstr cntr 20 2-lb mshbgs med 8.00-9 00 Spanish Hybrid CO 50 lb sks jbo 10.50 ID/OR 50 lb sks col 12.00 jbo 10 00 few 11.00 fair cond 9 00 WA 50 lb sks jbo 10 00-10.50 few 11 00 Red ID/OR 25 lb sks med 8.00 NY 25 lb sks jbo 7.00-8.00 mostly 7.00-7.50 med 5 00-6.00 ---POTATOES: MARKET ABOUT STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED NEW CROP Round Red FL 50 lb sks 13.50-14.00 mostly 13.50 fair qual 11.50 sz B 17.00-17.50 mostly 17.50 fair qual 13.00 Round White FL 50 lb sks fr qual 8.00 OLD CROP Russet Burbank ID bld 10 5-lb flmbgs non sz A 7.50-8 00 50 lb ctns 70s 13.50-15.00 mostly 15.00 some 15.00 80s 13.50-15.00 mostly 14 00-15.00 occ 13.00 90s 10.50-11.50 mostly 11.00-11.50 some 10 00 100s 8 50-10 00 mostly 9.00-9.50 U.S. Two 50 lb sks 6.00-7.00 Norchip WI bld 10 5-lb flmbgs non sz A 6.50 Round Red MN/ND 50 lb sks 7.00-8.00 mostly 7.00 few 6 00 sz B 10 00-11.00 NY 50 lb sks few 7.00 Round White CD Prince Edward Island CDOne 50 lb sks 4.25 lge 5 00 LI bld 5 10-lb sks 5 50 bld 10 5-lb sks 6 50 50 lb sks 4.00-4 50 mostly 4.50 few 4.75 lge 4 50-5.00 ME 50 lb sks 4.00 lge 4 50 NY 50 lb sks lge 4.50-5.00 PA 50 lb sks 3.00-3.50.

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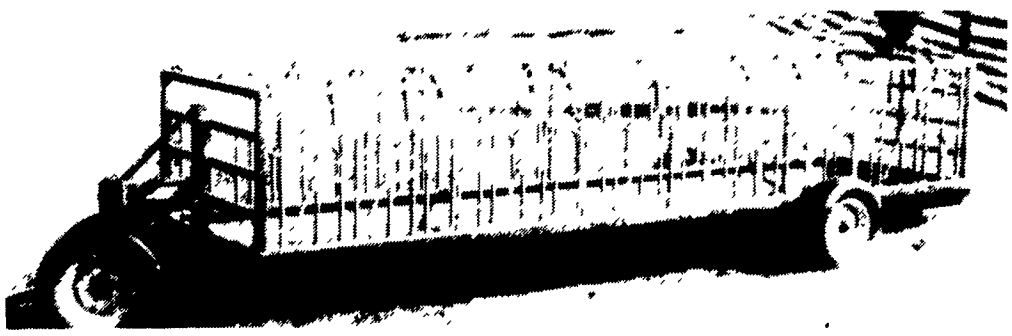

FEATURES: FARMCO FEEDER WAGON
* 15" implement wheel (6 bolt)
* 2 jacks on front corners for added stability

FEATURES: ZIMMERMAN HEADLOCKS
* Spring loaded neck bar for easy removal and adjustment
* Individual lock on each yoke for retaining individual animals

PAUL B. ZIMMERMAN, INC.

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Lititz, PA 17543-9165
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Intercourse, PA
(717) 768-8231

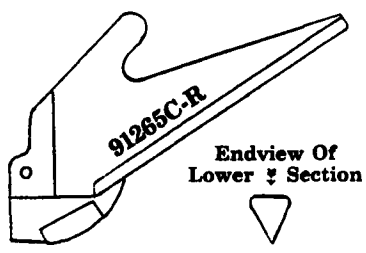
HOOBER
TWO LOCATIONS

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

The Saving Place

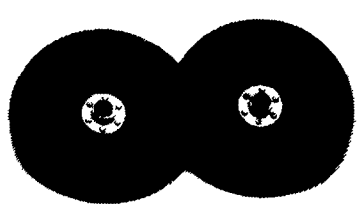
case IH
PLANTER PARTS

FURROW FIRMING BOOTS AND POINTS



PART #	DESC.	PRICE
91265C1	Std. Point	$9.01
91265CR	Tungsten Carbide	$25.25
1277777C1	Std. Boot	$22.92
1277777C-R	Tungsten Carbide Boot	$34.77

PLANTER & DRILL DISK OPENERS
(With Bearings)
• Case IH
• John Deere
• Krause
• Great Plains



PART #	DESC.	PRICE
90850C92	Disk	$21.98
90851C92	Disk	$21.98
603020R92	Case IH Drill	$13.99
1344911C1	Case IH Drill	$17.99

DURAFIT

141464C92...IH Planter.....$19.39
B500276...JD Planter $17.58
107-129S...Great Plains Drill $22.54

NEW 12 WAVE COULTERS FOR PLANTERS AND DRILLS
16" $19.00
17" $19.75
• KINZE • JOHN DEERE • WHITE
• YETTER • GREAT PLAINS

WE SHIP PARTS DAILY

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YOU STAY PUT
Pick Up Your Phone And Place Your Parts Order With Us

You're Looking at the Start of Something Big

Hardy Brand Hybrid Seed Corn

NEW

HB6314	97 Days	Excellent grain and high quality silage for a early corn
HB6450	103 Days	When the goin' gets tough this one out-performs them all
HB6500	104 Days	This is a 10 for silage or grain has excellent fall health
HB6407	114 Days	Superior plant health, very high yields in grain
HB6270M	115 Days	Fine seedling vigor, excellent yields, strong stalks
HB6345	116 Days	Tons of quality silage and grain, good agronomics

Don't forget about these winners!

HB6923	109 Days	A proven performer, you can count on
HB6334	117 Days	Tremendous grain or silage and good disease tolerance
HB6992	118 Days	An exceptional hybrid, outstanding quality

HYTEST BEACHLEY-HARDY

Beachley-Hardy Seed Company
454 Railroad Ave., P.O. Box 3147
Shiremanstown, Pennsylvania 17011
1-800-4HARDY-1

Our Reputation is Growing In Your Fields.

Philadelphia Fruit Market

Philadelphia, Pa.

Wednesday, February 10, 1993

CITRUS FRUITS ---GRAPEFRUIT: MARKET STEADY 4/5 bucins FL Indian River Red 23s 9.50-10.00 fair qual 7.00 27s 9.50-10.00 mostly 10.00 fair qual 7.00 32s 8.00-10.00 few 10.50 fair qual 6.50-7.00 36s 7.00-8.00 some 9.50 fair qual 6.50-7.00 40s 7.00-8.50 fair qual 6.50 48s 7.00 fair qual 6.50 fair qual 6.00 Star Ruby 23s fr qual 7.50-8.00 27s 11.00 fr qual 7.50-8.00 32s 9.50-10.00 fr qual 7.50-8.00 36s 8.50 fr qual 7.50-8.00 40s fr qual 7.50-8.00 48s 9.50 fr qual 6.50-7.00 56s fr qual 6.50-7.00 White 23s 5.00-6.00 27s 5.00-6.00 32s 5.00-6.00 36s 5.00-6.00 48s 5.00-6.00 Interior Red 27s fair qual 6.00 32s 8.00-9.00 fair qual 5.50-6.00 36s 7.00-8.00 fair qual 5.00 40s 6.00-7.00 fair qual 5.00 48s 6.00 fair qual 5.00 White 32s 6.00-7.00.

---LEMONS: MARKET STEADY ctns AZ 95s fr qual 10.00-11.00 115s fr qual 10.00-11.00 140s fr qual 11.50 fair cond 10.00 165s fr qual 12.00 fair cond 8.00 200s fr qual fr cond 8.00 CA 115s fair qual 11.00-12.50 140s 16.00 fr qual 13.50 165s 15.50-16.00 fr qual 13.50 200s 14.50 --- LIMES: MARKET ABOUT STEADY 10 lb ctns MX Seedless Type 36s 12.00-13.00 42s 12.00-13.00 mostly 12.00 48s 12.00-13.00 54s 11.00-13.00 63s 12.00-13.00 ---MISC CITRUS: 10 kg crts MR Clementine 108s fr cond 7.00 140s fr cond 10.00-11.00 SP Clementine 82s 16.00-17.00 98s 16.00-17.00 120s 14 00 132s 14.00 ---ORANGES: MARKET ABOUT STEADY ctns CA Navel 56s 12.00 fr qual 9.00-10.50 72s 11.50-12.00 fr qual 9.00-10.50 88s 10.50-11.50 fr qual 9.00-10.50 113s 11.50-12.00 fr qual 9.00 138s 12.00 fr qual 9.00-9.50 4/5 bucins FL Navel 48s 8.00 56s 8.00 Valencia 48s 7.00-7.50 80s 7.00-7.50 100s 7.00-7.50 125s 7.00-7.50 Pineapple 64s 7.50-8.00 80s 7.00-8.00 fr cond 6.00 100s 7.00-7.50 mostly 7.00 125s 6.00-7.00 --- TANGELOS: MARKET STEADY 4/5 bucins FL Minneola 64s 12.00 80s 10.00 1/2 bucins CA Minneola 84s 9.50 54s 9.50 72s 9.50 ---TANGERINES: MARKET STEADY 4/5 bucrts FL Honey 100s 14.00-16.00 mostly 15.00 fr appear 10.00-12.00 120s 15.00-16.50 fr appear 12.00 150s 13.00-14.00 fr appear 11.50 4/5 bucins/crts FL Honey 80s 15.00-16.00 --- TEMPLES: MARKET STEADY 4/5 bucins FL 80s 7.50-8.00 fr appear 5.50-6.50 fr cond 4.00 100s 7.50-8.00 fr appear 5.50-6.50 fr cond 4.00.

BERRIES ---BLUEBERRIES: OFFERINGS INSUFFICIENT TO QUOTE --- CRANBERRIES: OFFERINGS INSUFFICIENT TO QUOTE ---MISC BERRIES: flts 12 1/2-pt flmwrpd cups CL AIR Blackberries 18.00 ---RASPBERRIES: MARKET HIGHER flts 12 5.6-oz cups flmwrpd CL AIR Red 18.00 ---STRAWBERRIES: MARKET LOWER flts 12 1-pt bkts CA med-lge 11.00-13.00 mostly 12.00 some 10.00 FL med-lge 8.00-9.00 ord cond 2.00 MX med-lge fr qual fr cond 6.00 few lwr.

MELONS ---CANTALOUPS: MARKET SLIGHTLY LOWER 1/2 crts CR 18s 18.00 IID 12s 20.00 15s-7.00 9s 7.00 PN 6s 9.00 ---MISC MELONS: OFFERINGS INSUFFICIENT TO QUOTE --- WATERMELONS: MARKET LOWER ctns MX Jubilee 3s 24.00-25.00 few loas 21.00.

NON-CITRUS FRUITS ---APPLES: MARKET STEADY CA Fuji 1-lyr ctns 20s 10 00 REGULAR STORAGE ctns trypk ID IDExFcy Red Rome 80s 12.00 88s 12 00 WA U.S. ExFcy Red Delicious 80s 13 00 88s 13 00 100s 13 00 113s 13 00 125s 13 00 138s 13.00 Golden Delicious 100s 14.00 113s 12.00-13. 00 Granny Smith 100s 15.00 ctns celpk VT U.S. One Mcintosh 140s 7.00 CONTROLLED ATMOSPHERE STORAGE ctns trypk WA WAExFcy Red Delicious 64s 21.00 72s 21.00 80s 18.50-20.00 preffered label 21.00 88s 19.00-20.00 100s 20.00-21.00 mostly 20.00 Golden Delicious 80s 21.00 88s 21.00 100s 18.00 U.S. ExFcy Red Delicious 88s 13.50 100s 14.00 Golden Delicious 80s 18.50 one label 22.00-23.00 88s 18.50 one label 22.00-23.00 100s 20.00 WAFcy Red Delicious 125-138s fr cond 6.00-10.00 ctns celpk NY U.S. One Mcintosh 80s 8.00-10.00 100s 8.00-10.00 --- APRICOTS: OFFERINGS INSUFFICIENT TO QUOTE ---AVOCADOS: MARKET ABOUT STEADY ctns 2 lyr CA Hass 48s 18.50-20.00 mostly 19.00 some loas 17.00 ---BANANAS: 40 lb ctns IMPORT 12.50 fair qual 10.00-11.00 40 lb ctns bagged IMPORT 12.50 ctns institutional pk IMPORT 12.00 ---CHERRIES: OFFERINGS NONE ---FRUITS OTHER: OFFERINGS LIGHT ctns CA Cactus Pears red 17.00 ctns 1 lyr FL Carambola - Star Fruit 20s 22.00 ---GRAPES: MARKET ABOUT STEADY 18 lb lugs wrpd CL BOAT Thompson Seedless 14.00-16.00 mostly 14.00-15.00 lge berry sz 16.00-18.00 sml berry sz 11.00-13.00 mostly 12.00 Flame Seedless 12.00-14.00 fr cond 5.00-8.00 lge berry sz 16.00 sml berry sz 10.00-11.00 occ 12 00 Black Seedless 15.00-18.00 mostly 15.00-17.00 fr cond 14.00 ---KIWIFRUIT: MARKET STEADY flts 1 lyr CA 30s 5.00 33s 5.00 36s 4.50-5.50 mostly 5.00 39s 4.50-5.50 mostly 5.00 42s 4.50 ctns 23 lb lse CA 49 sz 10.00 ---MANGOES: ctns 1 lyr PE Kent 8s 8.00-9.00 10s 8.00-10.00 --- NECTARINES: MARKET STEADY lugs 2 lyr trypk CL Flavortop 40-60s fr qual & cond 6.00 Summer Grand 60s 11.00 36s ord cond 4.00-5.00 BOAT Fantasia 40s 11.00 48s 11.00 50s 11.00 60s 10.00-11.00 Firebrite 64s 11.00

---PAPAYA: TOO FEW SALES TO QUOTE ---PEACHES: OFFERINGS LIGHT lugs 2-lyr trypk CL BOAT Elegant Lady 50s 10.00-11.00 mostly 11.00 60s 9 00-11.00 ord cond 4.00-5.00 ---PEARS: MARKET STEADY 4/5 bucins WA U.S. One D'Anjou 100-135s ord cond 6.00-10.00 REGULAR STORAGE 4/5 bucins OR U.S. One Bosc 150s 10.00-12.00 CONTROLLED ATMOSPHERE STORAGE 4/5 bucins OR U.S. One D'Anjou 100s 22.00 Bosc 100s 23.00 WA U.S. One D'Anjou 90s 22.00-23.00 100s 21.00-22.00 110s 20.00 120s 21.00 Bosc 70s 25.00 80s 25.00 90s 25.00 100s 24.00 110s 22.00-23.00 120s 21.00 135s 18.50 ---PERSIMMONS: OFFERINGS INSUFFICIENT TO QUOTE --- PINEAPPLES: MARKET STEADY ctns HI AIR 6s 12.00 ---PLUMS: MARKET STEADY ctns 2-lyr CL BOAT El Dorado 70 series 11.00-12.00 Friar 60 series 12.00-14.00 10 kg ctns CL Black Beaut 80s 10.00 Friar 84 size 12.00 BOAT Laroda 60 series 14.00 ---POMEGRANATES: OFFERINGS NONE ---PRUNES: OFFERINGS NONE.

Kutztown Produce Auction

Fleetwood, PA

Feb. 6, 1993

9:00 A.M. Sat.

Report Supplied by Auction

POTATOES: 50 LB. UNCLASSIFIED 1.50.

EGGS: .35-.55 DOZ.

FARM MACHINERY CONSIGNMENT AUCTION COMING MARCH 9, AT 10 A.M.. PESTICIDE LICENSE TEST FEB. 23, 10 A.M. CALL FOR DETAILS.

BioD™

A BIOLOGICAL COMPLEX FOR USE AS LIVESTOCK PIT DIGESTER - LIQUIFIER - DEODORIZER

- Liquifies Manure And Prevents Solids Build-Up
- Reduces Malodors
- Helps In Nitrogen Retention
- Reduces Agitation
- Greatly Increases Uniformity

"We Have Found The Product To Be Super At Breaking Up Solids, Both In The Lagoon And Our Pull Plug System!"

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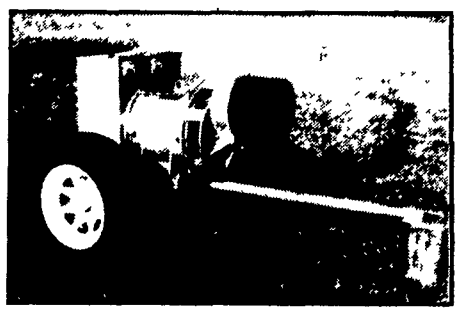

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BRUSHLESS
INDUSTRIAL GRADE
11 to 60 KW

READY FOR THE NEXT STORM?

For Sales and Service Call The People Who Know Generators

MARTIN ELECTRIC PLANTS

280 Pleasant Valley Rd., Ephrata, PA 17522-8620
Tel: 717-733-7968 Fax: 717-733-1981

EVERGREEN TRACTOR CO., INC.

Winter Service Special Call Service Dept. For Details!

NEW EQUIPMENT SPECIALS — PRICE

Demo JD 2355 MF WD w/245 Loader ..$27,650
JD 375 Round Baler ..$11,350
JD 672 Hydraulic Drive Rake w/Wheel and New Tires ..$ 3,450

PARTS! PARTS! Special Call For More Details!

TRACTORS:

IH M w/Side Mtd. Mower Balance Head ..$1,950
AC WD w/2 Row Mtd. Picker ..$1,500
JD 2940 4WD Cab ..$12,500
Ford 8N ..$1,650

USED BOBCATS & ATTACHMENTS:

Bobcat 642 Propane Skid Steer Loader ..$8,400
Bobcat 909 Backhoe ..$5,250
Bobcat 2000 Articulate Loader ..$14,500

DISCS AND FIELD CULTIVATORS

JD 210 14' Black Gang Disc ..$3,850
IH 475 20' Hydraulic Wing Disc ..$4,350
JD 230 27' Wing Fold Disc w/New Blades ..$7,850
JD BWF 12' Disc ..$1,850
IH #45 12' Field Cultivator w/Tine Harrow ..$1,850
JD 18' Field Finisher ..$1,450
JD BWF 12' Disc ..$1,450
JD AW 10' Disc ..$1,150
18' Wing Fold Field Cultivator S-Tines ..$950

HAY & FORAGE EQUIPMENT:

JD 1 Row, Row Crop Attachment, Nice ..$550
JD 5½' Pickup Attachment
NH 1010 Bale Wagon ..$4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector ..$1,500
Hesston 1091 Mower Conditioner ..$2,950
Owatonna 320 Stacker ..$1,550
JD 1209 Mower Conditioner ..$2,950
NH 495 12' Haybine ..$4,850
JD 50 Side Mtd. Mower For 10 And 20 Series. $575
Side Mtd. Hydraulic Drive Highway Mower ..$1,250
JD 3 Row Row Crop Attch. 30" For Harvester ..$4,450
NH 770 Harvester With 2 Row Wide Corn Head And Pickup ..$4,450
IH 430 Baler w/Thrower
JD 337 Baler w/Ejector ..$7,950
JD 35 Harvester With Pickup Wheel Rake ..$425
JD 14T Baler ..$650
Hesston PT 10 Haybine ..$950
JD 2 Row 30" Row Crop Attch. For Harvester

CULTIPACKERS

Brillion 10' w/Big Shaft ..$950
Brillion 3' Section 28' Packer ..$2,450
Brillion 12' w/Big Shaft ..$1,250
Brillion 12' Packer w/Transport ..$1,850
JD F930 14' Transport Packer ..$1,850
JD 12' Packer ..$1,250

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow ..$3,950
JD 1450 6-16" Semi-Mtd. Plow ..$2,250
JD 1B Roll-Over Plow ..$1,250
IH 9 Tooth Pull Type Chisel ..$1,850
JD 2700 6B Auto Reset On-Land Plow ..$7,450
JD 10 Tooth Pull Type Chisel ..$1,850
JD 3200 6x18" Pull Type Auto Reset Plow ..$3,950
JD 2500 5x18" Auto Reset Plow ..$3,950
JD 1710A Mulch Tiller, 13 Shank, Sharp ..$4,500
JD F125 3x16 Plow ..$950
Oliver 5 or 6 Bottom Spring Reset Plow ..$2,950
IH 15' 3 Pt. Chisel ..$1,650
JD 1250 3x18" Plow ..$950

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head ..$3,650
JD 653 6 Row 30" Bean Head ..$2,450
JD 13' Quick Tach Rigid Grain Head ..$1,850
JD 444 4 Row Wide Corn Head ..$3,650
JD 213 Rigid Head For Side Hill ..$2,650
NI 2 Row Wide w/Sheller ..$1,850
6 Row 1000 PTO Stalk Shredder ..$2,450
UFT 6 Row Stalk Shredder 1000 PTO ..$2,450
MF 410 Gas Combine w/Platform And 4 Row Wide, Nice
JD 4400 Dsl. Combine, New Engine

ROLLER HARROWS AND CULTIMULCHERS

IH #315 12' Roller Harrow ..$2,850
Kewanee 20' Flat Fold Roller Harrow ..$5,950
Brillion 15' Cultimulcher ..$3,650
JD 970 15' Roller Harrow, New Style ..$5,950

ROW CROP CULTIVATORS & ROTARY HOES

JD RM 4 Row 30" Cultivator ..$1,050
JD RM 4 Row Cultivator ..$1,050
JD 6R 30" Cultivator ..$850

PLANTERS & GRAIN DRILLS:

JD 7000 Conservation 6 Row Liquid ..$9,500
JD Model B 14x7 Double Disc Drill ..$1,450
JD 8300 21x7 DD Drill ..$3,450
Oliver 13x7 Grain Drill SD w/Grass, Nice ..$1,150
MF #43 21x7 Plain Grain Drill ..$1,050
JD 7000 4 Row Wide Row Planter

MISCELLANEOUS:

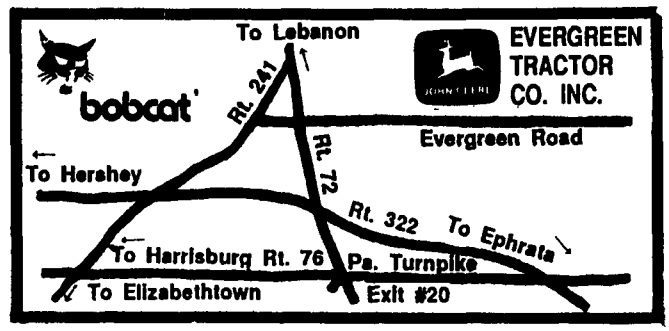
Transcraft 42' Drop Deck Trailer, Air Ride, Nice ..$8,500
NI 243 Manure Spreader ..$2,450
JD 40 Manure Spreader w/Tail Gate ..$1,450
JD 450 Hydro Push Spreader ..$2,850

Coming In...

JD 4050 Power Shift, Sound Guard, Tractor
JD 1010 20' Flat Fold Field Cultivator
JD 5B Semi-Mtd. Roll-Over Plow
JD 3950 Harvester, Sharp
JD 3940 Harvester w/Pickup

Store Hours

PARTS- Mon. Thru Fri.
7:30 A.M. To 4:30 P.M.
Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri.
8:00 A.M. To 4:30 P.M.



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, February 9, 1993
Report Supplied by PDA

CATTLE 245.. PDA ..Compared to last Tuesday's market: sl. steers steady; sl. heifers steady to higher; sl. cows 2.00 higher. STEERS: High Choice and Prime 1035/1280 lbs. 76.00-82.35, Choice 1000/1500 lbs. 74.00-79.75, Select 1000/1380 lbs. 61.25-74.00, few Standard 900/1180 lbs. 55.50-62.10. HOLSTEINS: few Choice 1000/1300 lbs. 65.00-68.10, few Select 1000/1330 lbs. 52.75-64.50. HEIFERS: few High Choice and Prime 1080/1180 lbs. 74.50-78.00, Choice 945/1415 lbs. 69.00-80.35, few low yielding down to 60.35, few Select 63.60-73.10, few Standard 59.00-67.75. COWS: Breaking Utility and Commercial 46.00-53.00, Cutter and Bon. Utility 44.00-51.50, Canner and Low Cutter 41.00-47.75. Shells down to 34.00. BULLOCKS: Choice 985/1375 lbs. 60 00-68.00, couple Select 1030/1195 lbs. 57.60-& 65.10. BULLS: Yield No. 1 1535/1965 lbs. 60.50-70.60, No. 2 1100/1750 lbs. 54.35-59.25. FEEDER CATTLE: STEERS: Few Medium Frame No. 1 395/405 lbs. 72.00-84.00, few Medium Frame No. 1 655/913 lbs. 55.00-71.00. HEIFERS: Medium Frame No. 1 255/545 lbs. 70.00-85.00, few Medium and Large Frame No. 2 525/885 lbs. 51.00-61.00. BULLS: few Medium Frame No. 1 445/710 lbs. 62.00-83.00.

CALVES 92... VEALERS: couple Standard and Good 85/100 lbs. 40.00-70.00. RETURNED TO FARM: No. 1 Holstein bulls 80/120 lbs. 155.00-202.00, couple down to 140.00, 120/145 lbs. 120.00-143.00, No. 2 75/130 lbs. 65.00-137.50. No. 1 Holstein heifers 95/125 lbs. 180.00-200.00, one down to 165.00, few No 2 75/90 lbs. 56.00-70.00. Beef cross 80/115 lbs. bulls and heifers 165.00-200.00.

HOGS 145...Barrows and gilts were steady to strong. BARROWS AND GILTS: US 1-2 235/260 lbs. 42.60-43.85, 1-3 220/275 lbs. 41.00-42.60 2-3 250/310 lbs. 35.00-40.60, one lot 1-3 216 lbs. 40.50. SOWS: US 1-3 300/530 lbs. 35.00-39.00, one 2-3 780 lbs. 28.50, couple Medium 320/365 lbs. 34.00-35.00, couple lightweights 560/595 lbs. 24.00, 230/250 lbs. 33.00.

FEEDER PIGS 0....No market test.

SHEEP 2....couple Choice 100 lbs. 77.00.

GOATS 0....No market test.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, Feb. 8, 1993
Report Supplied by Auction

CATTLE 294. STEERS, STANDARD 62.00-68.00; UTILITIES 60.00 AND DOWN.

HEIFERS: STANDARD 60.00-64.00; UTILITIES 58.00 AND DOWN.

COWS: UTILITY AND COMMERCIAL 51.00-58.00; CUTTERS, BONERS AND UTILITIES 47.00-51.50; CANNERS AND LOW CUTTERS 41.00-46.50; SHELLS 40.00 AND DOWN.

BULLS: #1 59.00-68.00; #2 52.00-60.50.

FEEDER STEERS: 200-300 LBS. 70.00-87.50; 300-500 LBS. 70.00-95.00; 500-800 LBS. 67.00-85.00.

HEIFERS: 200-300 LBS. 62.50-84.00; 300-500 LBS. 59.00-94.00; 500-800 LBS. 53.00-78.00.

BULLS: 200-300 LBS. 68.00-89.00; 300-500 LBS. 69.00-107.00; 500-800 LBS. 64.50-80.00.

CALVES: 183 HEAD. VEALERS CHOICE 95.00-100.00, GOOD 85.00-92.50; STANDARD AND GOOD 62.50-84.00; UTILITIES 60.00 AND DOWN.

FARM CALVES, HOLSTEIN BULLS #1 145.00-200.00; #2 95.00-135.00; BEEF BULLS 95.00-182.50.

HOLSTEIN HEIFERS: 105.00-200.00.

BEEF X HEIFERS 85.00-150.00.

HOGS: 72 HEAD. #1&2 220-260 LBS. 40.00-48.00; #1&3 150-200 LBS. 29.00-40.00.

SOWS: UNDER 500 LBS. 28.50-34.75; OVER 500 LBS. 32.75-33.25.

BOARS: 29.50-30.25.

FEEDER PIGS: 46 HEAD. #1&3 20-40 LBS. 11.00-15.50; 50-60 LBS. UP TO 27.00; 100-150 LBS. 30.00-47.00, ALL BY THE HEAD.

SHEEP AND LAMBS: 99 HEAD. HIGH CHOICE AND PRIME, NEW CROP 83.00-107.50; CHOICE 51-75 LBS. 65.00-78.00; 76-100 LBS. 70.00-79.00; 100-125 LBS. 60.00-80.00; FEEDER LAMBS GOOD AND CHOICE 57.50-76.00; UTILITIES 55.00 AND DOWN; EWES 23.50-35.00.

GOATS: 21 HEAD. LARGE 44.00-93.00; MEDIUM 31.00-54.00.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Feb. 9, 1993

SLAUGHTER STEERS: CHOICE 75.00-78.25; SELECT 850-950 LBS. 66.25-73.25.

SLAUGHTER HOLSTEIN STEERS: SELECT AND CHOICE 63.50-68.50.

SLAUGHTER HEIFERS: SELECT AND CHOICE 70.00-75.00; HOLSTEINS 60 00-67.25.

SLAUGHTER COWS: STRONG DEMANDI MOSTLY STEADY. BREAKING UTILITY AND COMMERCIAL 49.00-54.25; CUTTER AND BONING UTILITY 49.00-55.75; CANNER AND LOW CUTTER 43.50-48.75; BIG MIDDLE 44.00-48.50.

SLAUGHTER FAT BULLS: YG#2 51.00-57.50.

FEEDER STEERS: 300-750 LBS. MEDIUM #1 80.00-92.50; MEDIUM AND LARGE #2 68.00-77.00; HOLSTEINS 70.00-75.00.

FEEDER HEIFERS: ALL WEIGHTS, MEDIUM #1 77.00-88.00; MEDIUM AND LARGE #2 65.00-72.00.

FEEDER BULLS: ALL WEIGHTS, MEDIUM #1 83.00-100.00; MEDIUM AND LARGE #2 65.00-71.00.

VEAL CALVES: CHOICE 95 00-108.00; GOOD 80.00-94.00; STANDARD 55 00-75.00; LIGHT/WEAK 50.00 AND DOWN.

HOSLTEIN FARM BULLS: OVER 95 LBS. TO 199.00; UNDER 95 LBS. TO 180 00.

HOLSTEIN FARM HEIFERS TO 180 00.

HOGS: BARROWS AND GILTS US#1-3 210-260 LBS. 43.00-44.25; 290-455 LBS. 36.00-39.00; #2&4 210-260 LBS. 40.75-42.50; 290-455 LBS. 33 75-34.00.

BOARS: OVER 300 LBS. 26.00-28.00.

FEEDER PIGS: BY THE HEAD, 15-25 LBS. 14.00-26.00; 30-45 LBS. 28.0-38.00.

SHAOTS: BY THE POUND, 1 LOT 49 LBS. 75.00.

SHEEP: 23.00-37.00.

LAMBS: GOOD AND CHOICE 65-110 LBS. 77.00-98.00; CHOICE 90-130 LBS. 61.00-72.50.

GOATS: BY THE HEAD, LARGE 75.00-110.00; SM/MED/KIDS 35 00-65.00.

SALE EVERY TUES. RABBITS AND EGGS 6 P.M. AND LIVESTOCK 7 P.M.

Morrison Cove Livestock

Martinsburg, Pa.
Feb. 8, 1993
Report supplied by auction

CATTLE 206. STEERS CHOICE 78.00-81.25; GOOD 75.00-77.75.

HEIFERS: CHOICE 77.00-80.25; GOOD 71.00-75.50.

COWS: UTILITY & COMMERCIAL 47.50-55.50; CANNER & LOW CUTTER 38.50-51.50.

BULLOCKS: GOOD & CHOICE 61.00-68.00.

BULLS: YIELD GRADE NO. 1 57.50-68.50.

FEEDER CATTLE: STEERS 75.00-101.00; BULLS 63.00-79.00; HEIFERS 57.00-74.00.

CALVES 263. PRIME, NO MKT. TEST; CHOICE 92.00-105.00; GOOD, 75.00-91.00; STANDARD 35.00-60.00; HOLSTEIN BULLS 90-130 LBS. 135.00-201.00; HOLSTEIN HEIFERS 90-130 LBS. 132.00-182.00.

HOGS: 132. US NO. 1-2 43.50-44.75; US NO. 1-3 41.00-42.50.

SOWS: US NO. 1-3 28.00-35.50.

BOARS 27.50-31.25.

FEEDER PIGS: 47 HEAD. US#1-3 20-50 LBS. 11.00-27.00 PER HEAD.

SHEEP: 13 HEAD. CHOICE, NO MKT. TEST; GOOD NO MKT. TEST;

SLAUGHTER EWES 23.00-35.00.

GOATS: 21.00-67.00.

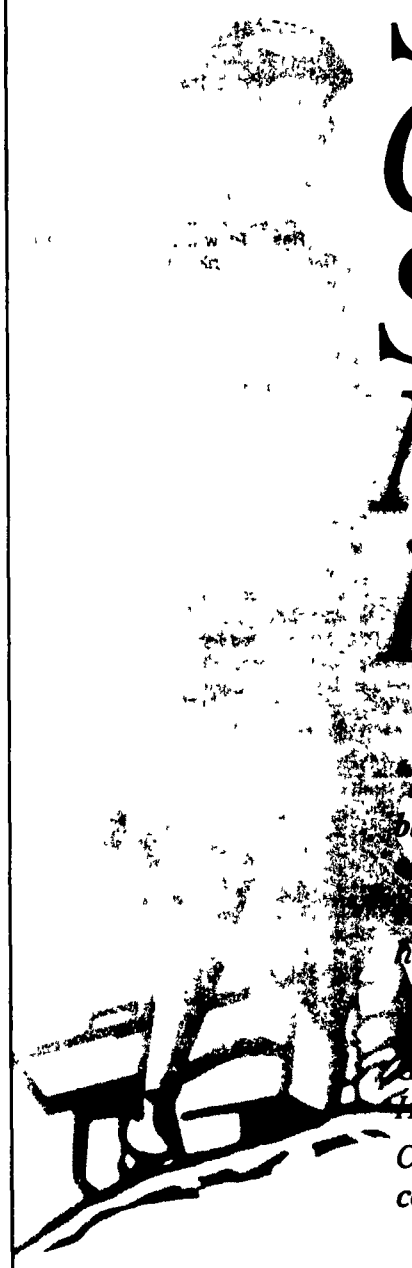
49 LOADS OF HAY. TIMOTHY 60.00-91.00; ALFALFA 85.00-112.00; 11 LOADS OF STRAW 65.00-82.00; 4 LOADS FIREWOOD 25.00-30.00.

Dewart Livestock

Dewart, Pa.
Monday, Feb. 8, 1993
Report Supplied by Auction

STEERS: 60.00-79.00.
HEIFERS: 58.00-78.50.
GOOD COWS: 47.00-55.00.
CANNERS AND CUTTERS: 40.00-47.00.
BULLS: 55.00-60.00.
VEAL: 90-190 LBS. 99.00-190.00; 70-90 LBS. 65.00-99.00.
HOGS: 38.00-43.00.
SOWS: 30.00-36.00.
FEEDER PIGS: 12.00-24.00 HEAD.

"Same-Day Claim Service... Now That's Impressive."



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3500	9	60 WATTS	600
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3900	22	90 WATTS	1300

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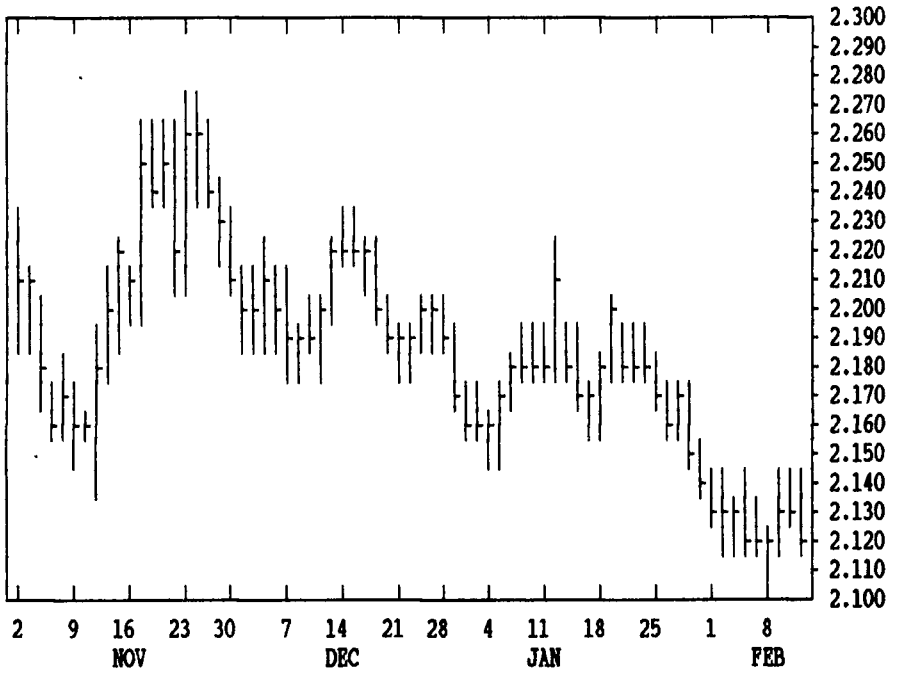
GRAIN, CATTLE AND HOG FUTURES MARKETS

(Closing bids: Thursday, February 11, 1993)

DTN GRAINS 18 MARCH CORN CONTRACT HIGH: 2.812 LOW: 2.110



DTN FUTURES 13 02/11/93 — TECHNICAL POINTS — SLOW STOCHASTIC

PRICES ARE DECIMAL			MOVING AVERAGES			RSI'S			5 DAY		20 DAY	
CONTRACT		CLOSE	4-DAY	9-DAY	18-DAY	45-DAY	9DAY	14DAY	30DAY	%K	%D	%K	%D
WHEAT	MAR	367.50	365.75	368.81	376.43	367.86	42.9	45.6	50.2	63	43	21	21
WHEAT	MAY	343.25	342.62	343.56	350.12	346.75	42.5	44.2	47.9	79	57	22	16
KCWHT	MAR	350.25	348.25	350.72	357.64	354.60	43.6	44.7	48.2	70	45	20	14
KCWHT	MAY	331.00	329.50	330.81	336.71	335.22	44.0	44.5	47.0	75	50	20	12
MNWHT	MAR	337.00	335.56	337.72	344.04	341.46	42.7	43.9	47.1	69	43	19	13
CORN	MAR	212.50	212.81	212.78	215.01	217.39	34.6	36.1	40.8	68	55	16	10
CORN	MAY	220.25	220.56	220.61	222.89	224.99	34.2	35.9	41.0	64	50	14	9
CORN	JUL	227.75	227.87	227.97	230.03	231.38	36.4	38.3	43.0	69	53	17	10
OATS	MAR	140.75	140.81	140.06	141.31	144.71	46.8	44.8	47.0	82	70	33	24
BEANS	MAR	567.00	567.19	569.47	574.46	575.91	37.5	40.8	46.8	44	35	15	15
BEANS	MAY	569.75	570.00	572.31	577.42	580.19	36.6	39.7	45.8	45	37	16	16
BEANS	JUL	574.25	574.94	577.03	582.03	585.56	36.6	39.5	45.4	47	39	17	17
MEAL	MAR	177.40	177.60	178.56	181.02	183.22	29.5	32.5	39.8	27	23	8	10
BNOIL	MAR	20.65	20.62	20.69	20.98	20.86	43.3	45.5	50.3	68	45	16	14
CATTLE	FEB	82.08	81.47	80.39	79.62	78.33	74.7	70.7	68.1	91	88	92	78
CATTLE	APR	79.48	79.33	78.59	78.15	77.35	66.4	64.1	63.4	81	80	85	71
FCTL	MAR	85.88	85.92	85.18	85.18	84.99	59.0	57.4	58.3	81	84	71	54
HOGS	FEB	44.70	44.18	43.84	43.86	43.71	66.6	61.2	56.6	85	70	52	41
HOGS	APR	44.80	44.04	43.66	43.59	42.91	70.4	66.5	62.7	91	69	61	50
PKBLS	FEB	37.35	36.46	35.80	35.78	37.10	63.7	56.0	49.2	80	77	39	25

CORN

	HIGH	LOW	LAST	CHG
MAR	2140	2122	2124*	-10
MAY	2216	2200	2202*	-10
JLY	2290	2274	2276*	-6
SEP	2354	2336	2340*	-4
DEC	2420	2400	2402*	-4
MAR	2480	2464	2466*	-6
MAY	2524	2510	2514*	-2
JLY	2560	2550	2554*	0
DEC	2494	2494	2494*	-4

SOYBEANS

MAR	5750	5650	5670*	-16
MAY	5770	5684	5696*	-20
JLY	5816	5730	5742*	-24
AUG	5834	5756	5760*	-22
SEP	5834	5774	5780*	-14
NOV	5910	5834	5842*	-20
JAN	5980	5914	5914*	-26
MAR	6020	5984	5984*	-30
MAY				
NOV	5950	5890	5900*	0

LIVE CATTLE

	HIGH	LOW	LAST	CHG
FEB	8210	8152	8207*	+27
APR	7972	7915	7947*	-7
JUN	7395	7340	7357*	-7
AUG	7190	7157	7170*	-7
OCT	7320	7282	7300*	-7
DEC	7350	7325	7330*	-20
FEB	7280	7240	7240*	-32
APR				

SWISS FRANC

MAR	6516	6474	6502*	+10
JUN	6485	6442	6470*	+10
SEP			6447*	+10

BRITISH POUND

MAR	14232	14122	14152*	-72
JUN	14124	14040	14060*	-76
SEP	14010	13994	13994*	-78

JAPANESE YEN

MAR	8358	8203	8264*	+3
JUN	8357	8224	8265*	+1
SEP	8350	8272	8272*	-1

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAR	3710	3646	3674*	-4
MAY	3464	3424	3432*	-16
JLY	3270	3230	3234*	-16
SEP	3304	3266	3280*	-12
DEC	3390	3350	3350*	-20
MAR	3390	3390	3390*	-24

OATS

MAR	1432	1406	1406*	-20
MAY	1424	1400	1402*	-16
JLY	1414	1396	1400*	-14
SEP	1412	1400	1400*	-14

SOYBEAN MEAL

MAR	1795	1769	1774*	-3
MAY	1803	1779	1784*	-2
JLY	1820	1800	1805*	-2
AUG	1828	1812	1814*	-2
SEP	1838	1822	1823*	-2
OCT	1845	1831	1833*	-3
DEC	1869	1850	1853*	-4
JAN	1870	1858	1858*	-7

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
MAR	8617	8565	8587*	-25
APR	8475	8422	8450*	-12
MAY	8377	8335	8337*	-22
AUG	8307	8280	8295*	0
SEP	8220	8200	8207*	-22
OCT	8195	8175	8195*	-10
NOV			8192*	+2
JAN	8185	8167	8167*	+2

EURODOLLAR

MAR	9670	9663	9668*	+3
JUN	9652	9652	9652	+10
SEP	9620	9606	9618*	+11
DEC	9565	9550	9563*	+14
MAR	9542	9527	9540*	+13
JUN	9502	9489	9501*	+12

S&P 500 INDEX

MAR	45020	44730	44805*	+95
JUN	45070	44775	44855*	+100
SEP	45120	44900	44905*	+85
DEC			45000*	+90

K.C. WHEAT

	HIGH	LOW	LAST	CHG
MAR	3534	3494	3502*	-20
MAY	3340	3300	3310*	-20
JLY	3232	3202	3202*	-16
SEP	3262	3230	3234*	-16
DEC	3330	3320	3320*	-12

MINN WHEAT

MAR	3392	3360	3370*	-20
MAY	3332	3304	3314*	-14
JLY	3304	3284	3290*	-14
SEP	3250	3234	3246*	+2
DEC			3320*	0

SOYBEAN OIL

MAR	2082	2059	2065*	-14
MAY	2107	2085	2092*	-10
JLY	2126	2106	2114*	-7
AUG	2135	2120	2120*	-8
SEP	2138	2120	2125*	-6
OCT	2143	2129	2129*	-5
DEC	2155	2128	2144*	-2
JAN	2162	2150	2152*	+2

LIVE HOGS

	HIGH	LOW	LAST	CHG
FEB	4512	4450	4470*	-7
APR	4500	4460	4480*	-2
JUN	5030	4970	5027*	+50
JLY	4895	4855	4892*	+27
AUG	4642	4610	4632*	+12
OCT	4185	4170	4182*	+2
DEC	4310	4285	4310*	+20
FEB	4305	4300	4305*	+25

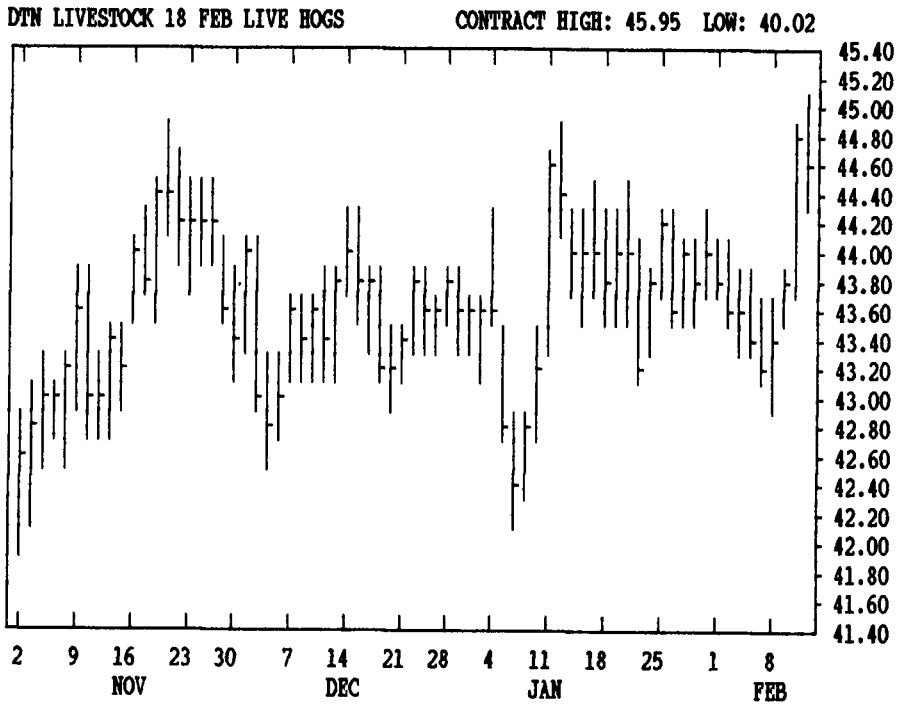
PORK BELLIES

FEB	3735	3655	3735*	+40
MAR	3770	3670	3745*	+32
MAY	3880	3785	3860*	+37
JLY	3952	3815	3937*	+95
AUG	3900	3715	3875*	+150
FEB				

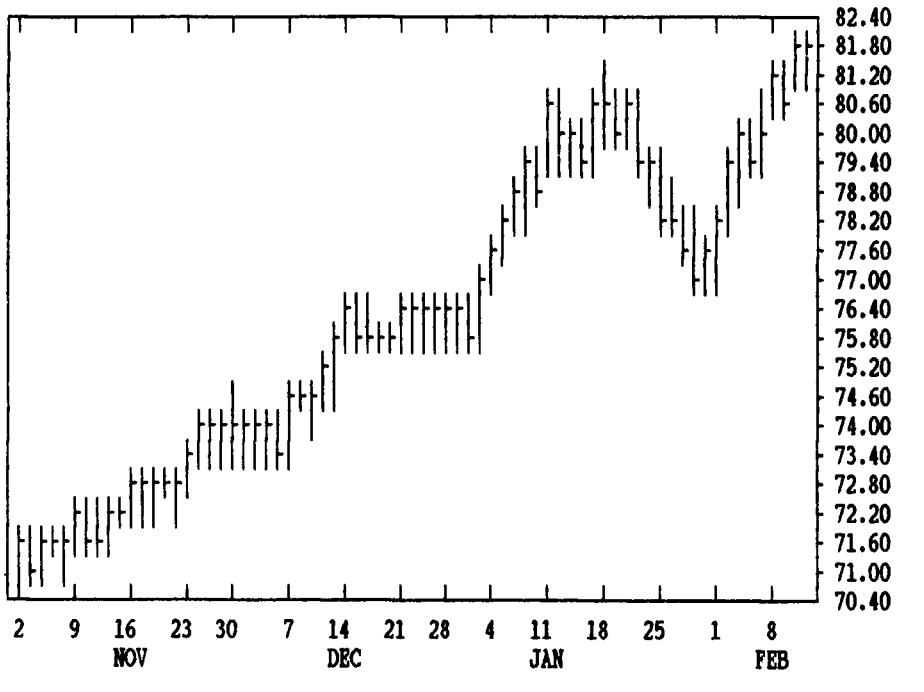
GERMAN MARK

MAR	6043	6043	6043	+45
JUN	5940	5920	5935*	+8
SEP	5882	5875	5882*	+8
DEC	5841	5830	5841*	+8

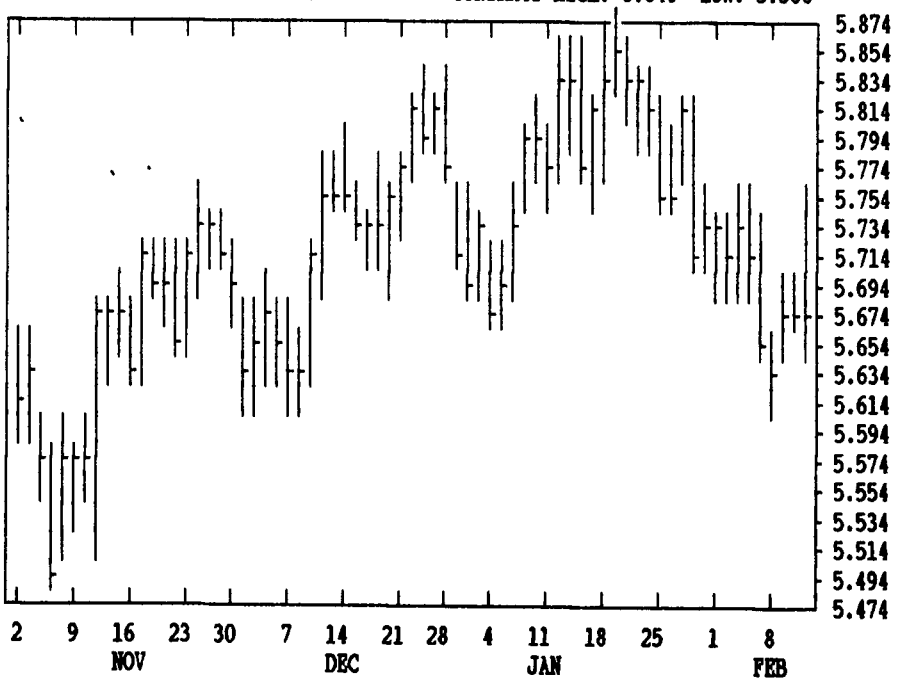
DTN LIVESTOCK 18 FEB LIVE HOGS CONTRACT HIGH: 45.95 LOW: 40.02



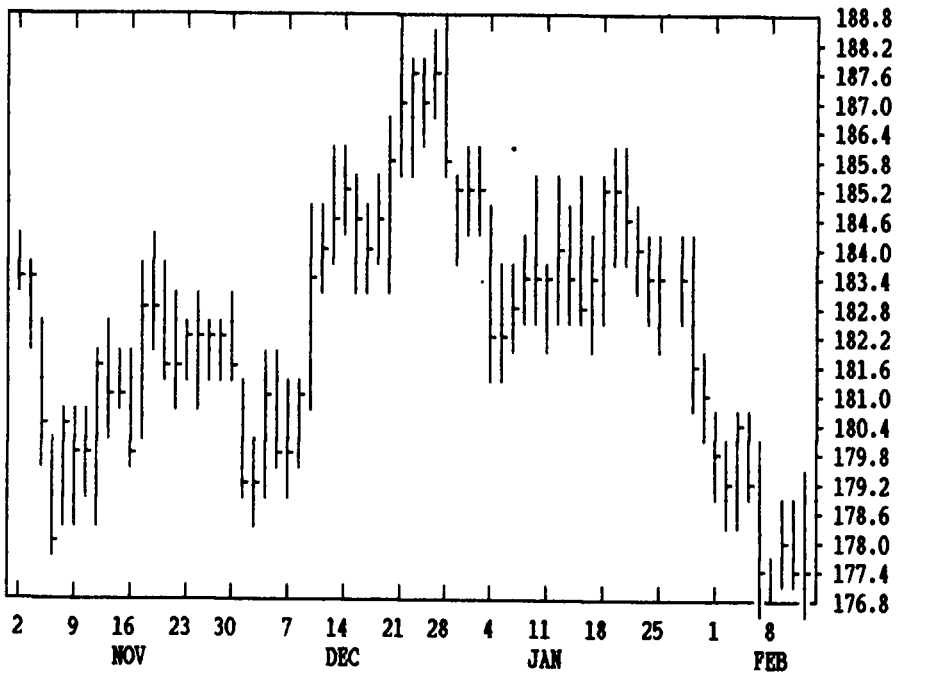
DTN LIVESTOCK 19 FEB LIVE CATTLE CONTRACT HIGH: 82.10 LOW: 68.10



DTN GRAINS 23 MARCH SOYBEANS CONTRACT HIGH: 6.640 LOW: 5.386



DTN GRAINS 25 MARCH SOYMEAL CONTRACT HIGH: 210.0 LOW: 176.8



Special Sale Work and Driving Horses, Mules

New Holland Sales Stables
New Holland, PA
Friday, Feb. 5, 1993
Report Supplied by Auction

408 HEAD.

WORK HORSES: 2 LOADS, VIRGINIA, PAIRS 2400.00-3650.00, SINGLES 1050.00-1750.00; VIRGINIA, PAIRS 2850.00-4300.00, SINGLES 1325.00-1450.00; TENNESSEE, PAIRS 2675.00-3100.00, SINGLES 1000.00-1300.00; TENNESSEE, PAIRS 2650.00-3200.00, SINGLES 1100.00-1550.00; ILLINOIS, PAIRS 2000.00-5900.00; MICHIGAN, PAIRS 2500.00-2650.00, SINGLES 1275.00-1650.00; VIRGINIA, PAIRS 2225.00-4000.00, SINGLES 875.00-1200.00; KANSAS, PAIRS 3000.00-3250.00, SINGLES 900.00-1475.00.

MULES: MISSOURI, PAIRS 2400.00-2575.00, SINGLES 1150.00-1800.00; TENNESSEE, PAIRS 3900.00-5200.00, SINGLES 1250.00-1375.00; TENNESSEE, PAIRS, 2400.00-3100.00, SINGLES 1050.00-1800.00; KANSAS, PAIRS 1975.00-2950.00, SINGLES 900.00-1425.00; TENNESSEE, PAIRS 2150.00-2350.00, SINGLES 1175.00-3200.00.

DRIVING: NEW JERSEY 775.00-1175.00; NEW YORK 675.00-1400.00; NEW YORK 735.00-1500.00; OHIO 925.00-1700.00; CANADA 900.00-1175.00.

LOCAL DRIVING: 785.00-1425.00; WORK HORSES, PAIRS 2600.00-2975.00, SINGLES 750.00-1475.00; MULES, PAIRS 1800.00-3900.00, SINGLES 910.00-1900.00.

Grantsville Livestock

Grantsville, Maryland
Sat., Feb. 6, 1993

HOGS: TOP BARROWS & GILTS 40.50-43.50; HEAVY BUTCHER 38.50-43.00; LIGHT BUTCHER 32.00-40.00; BUTCHER SOWS 30.00-35.00; FEEDER SHOATS TO 20.00.

VEAL: GOOD 75.00-85.00; STANDARD 50.00-65.00; UTILITY 30.00-45.00; BULL CALVES 120.00-190.00.

SHEEP & LAMBS: GOOD 70.00-75.00; UTILITY 60.00-65.00; SLAUGHTER EWES 18.00-25.00.

GOATS: 25.00-70.00.

SLAUGHTER CATTLE: GOOD, NONE AVAILABLE; STANDARD 67 50-70.00; UTILITY 60.00-65.00.

HEIFERS: GOOD, NONE AVAILABLE; STANDARD 65.00-68.50; UTILITY 50.00-60.00.

COWS: COMMERCIAL 45.00-55.00; UTILITY 42.00-44.00; CANNER & CUTTER 40.00 TO DOWN.

BULLS: COMM. & GOOD 55.00-60.00; CUTTER AND UTILITY 45 00-50.00.

STOCK-FEEDER CATTLE: GOOD 70.00-75.00; MEDIUM 60.00-65.00.

STEER CALVES: GOOD 75.00-82.50; MEDIUM 65.00-70.00.

HEIFER CALVES: GOOD 65 00-79.50; MEDIUM 50.00-60.00.

EGGS: LARGE .45-.65; MEDIUM 35-.45.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, February 9, 1993
Report Supplied by Auction

CATTLE 357...Supplied by the auction. STEERS: High Choice and Prime 80.75-83.25, Choice 78.00-81.75, Good and Choice 75.00-77.75. HOLSTEINS: Choice 72.00-76.25, Good 68.00-72.00, Standard 65.00-68.00. HEIFERS: Choice 74.50-79.75, Good 68.00-74.00, Standard 62.00-67.75. COWS: Breaking Utility and Commercial 52.00-58.25, Cutter & Bon. Utility 48.00-54.75, Canner and Low Cutter 45.00-49.75. Shells down to 35.00-44.00. BULLS: Yield Grade No. 1 & 2 53.50-64.50.

CALVES 208...VEALERS: Choice 95.00, few Standard and Good 40/90 lbs. 45.00-65.00. RETURNED TO FARM: Holstein bulls No. 1 80/90 lbs. 125.00-175.00, No. 2 90/120 lbs. 170.00-197.00. Holstein heifers No 1 80/120 lbs. 135.00-201.00.

HOGS 502...(02/08 & 09/93)... BARROWS AND GILTS: No. 1 225/250 lbs. 44.50-46.00, US 1-2 220/250 lbs. 42.50-44.25, 2-3 220/290 lbs. 40.50-42.50, 180/300 lbs. 35.00-40.25. SOWS: 1-3 30.50-33.75, 2-3 28.00-30.00. BOARS: 27.00-29.00.

FEEDER PIGS 190...US 1-3 20/35 lbs. 26.00-32.00, 35/50 lbs. 34.00-39.00. - all per head.

SHEEP 53...High Choice and Prime 25/40 lbs. Spring sl. Lambs 105.00-125.00, Choice 80/100 lbs. 71.00-90.00, Good 40/100 lbs. 56.00-73.00. SLAUGHTER SHEEP: 22.00-31.00.

GOATS 3...Small 45.00-84.00.---- all per head.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, February 9, 1993
Report Supplied by PDA

CATTLE 140... PDA ..Compared with last Tuesday's market: Sl. cows uneven, extremes 1.50 higher to 1.50 lower. STEERS: one Select 75.00. HOLSTEINS: one Select 66.50, one Standard 55.00. HEIFERS: one Choice 72.75, one Select 61.50, few Standard 48.00-54.50. COWS: Breaking Utility and Commercial 48.75-51.00, few high dressing up to 54.00, Cutter and Boning Utility 44.50-49.75, few 53.50, Canner & Low Cutter 43.75-44.75, few down to 42.00. Shells down to 26.50. BULLOCKS: one Select 62.00. BULLS: few Yield Grade No. 1 1340/1615 lbs. 60.75-64.25.

CALVES 145...Holstein bulls steady to strong. VEALERS: Standard and Good 65/100 lbs. 47.00-52.00, few Utility 55/85 lbs. 40.00-42.00. RETURNED TO FARM: No. 1 Holstein bulls 80/125 lbs. 150.00-195.00, few to 199.00, No. 2 80/120 lbs. 125.00-160.00, few 180.00, few down to 65.00. No. 1 Holstein heifers 85/115 lbs. 145.00-200.00.

HOGS 132... BARROWS AND GILTS: Few 1-2 245/265 lbs. 42.50-43.00, few 1-3 215/240 lbs. 42.50-43.50, few 165/200 lbs. 25.00-35.00, lot 2-3 242 lbs. 42.00, 290/298 lbs. 36.50 few 37.75. SOWS: US 1-3 405/710 lbs. 28.00-34.25 mostly 31.00-33.00. BOARS: few 29.00-30.50.

FEEDER PIGS 12....Lot 1-3 37 lbs. 45.00.---- per cwt.

SHEEP 0..No market test.

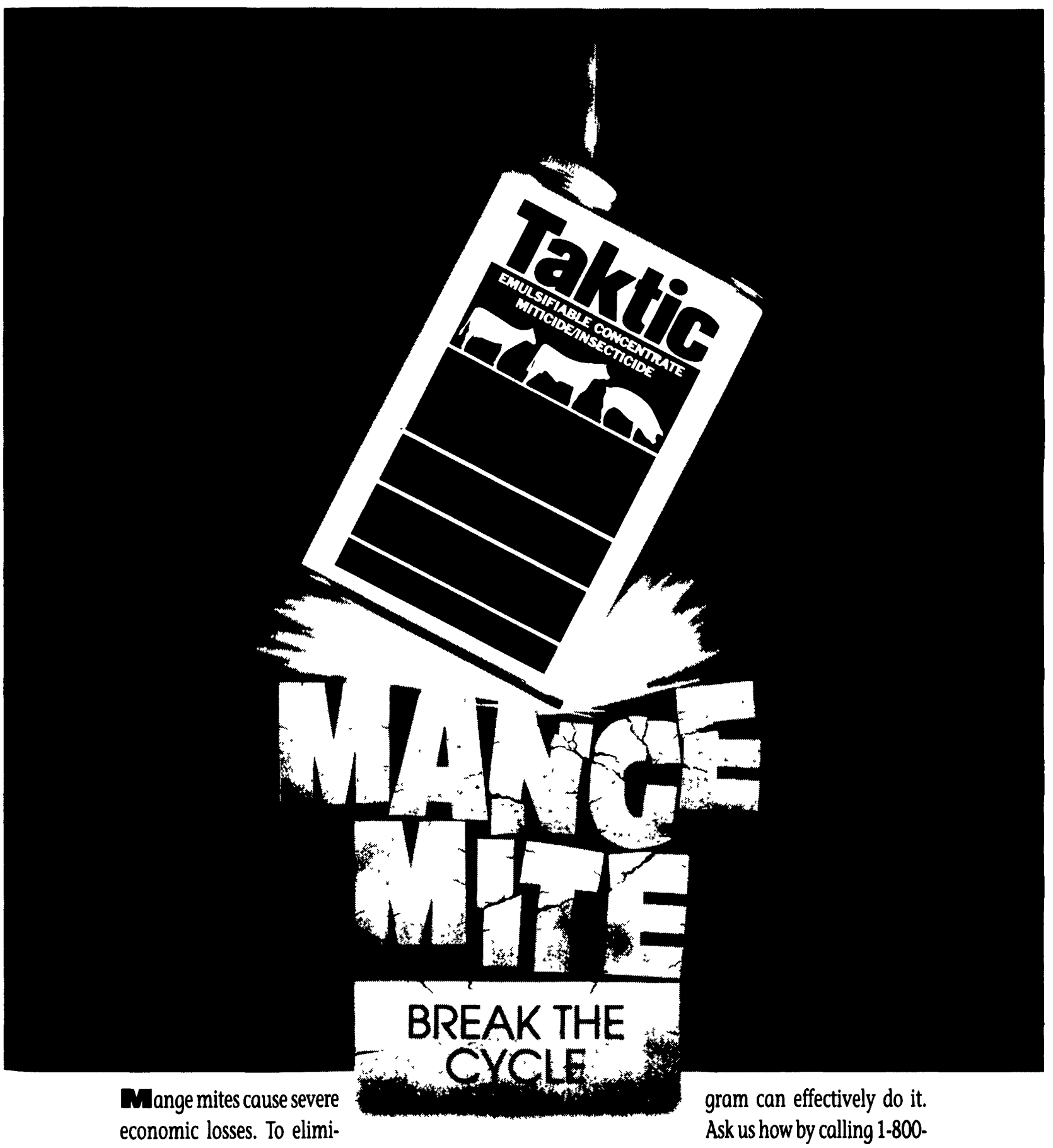
GOATS 0 .No market test

Front Royal, Va. Horse Sale

Report Supplied by Auction
Feb. 6, 1993

140 HEAD. RIDING HORSES, SERVICEABLE AGE: AVERAGE TO GOOD QUALITY 925-1175 LBS. 575.00-780.00, 800-900 LBS. 420.00-600.00; BETTER QUALITY 1050-1200 LBS. 840 00-1100 00.

LOOSE HORSES: AVERAGE TO GOOD FLESH 925-1175 LBS. 540 00-805 00, 800-900 LBS. 410.00-475 00, 1200-1275 LBS. 830 00-940 00



Mange mites cause severe economic losses. To eliminate the threat caused by mange you need to break their life cycle. And only the Taktic program can effectively do it. Ask us how by calling 1-800-922-0612 for a free brochure on controlling mange and lice with Taktic.

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Central U.S. Carlot

Pork Report
Feb. 10, 1993
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M. COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH LOINS GENERALLY 1.00-4.00 HIGHER; BUTTS MOSTLY 2.00 HIGHER; SKND. HAMS 17-20 LBS. GENERALLY STEADY, 20-26 LBS. MOSTLY STEADY TO WEAK; SDLS. BELLIES GENERALLY 1.00 HIGHER. MARKET ACTIVITY SLOW TO MODERATE, WITH LIGHT TO MODERATE DEMAND AND OFFERINGS.

62.5 LOADS, PORK CUTS
19.5 LOADS TRIM/PROCESS PORK
PORK CUTS

LOINS, REGULAR, FRESH

14-18 LBS. * 7.0 LOADS, RANGE 96.00-101.00, WGHTD. AVG. 98.71.

¼" TRIM 14-18 LBS., 7.0 LOADS, RANGE 114.00-121.00, WGHTD. AVG. 117.36.

⅛" TRM/LESS 14-18 LBS. RANGE 120.00, WGHTD. AVG. 120.00 E.

18-22 LBS. *, 3.0 LOAD, RANGE 96.00-100.00, WGHTD. AVG. 98.33.

¼" TRIM 18-22 LBS., 3.0 LOAD, RANGE 114.00-122.00, WGHTD. AVG. 118.00.

LOIN, BLS CTRCT 5-9 LBS.

5-9 LBS. STRAP-OFF, 3.0 LOADS, RANGE 215.00-225.00, WGHTD. AVG. 220.00.

BNLS SIRLOIN

.75-1.00 LB., 2.0 LOADS, RANGE 150.00-164.00, WGHTD. AVG. 160.00.

PICNIC, FRESH (COMBOS) FOR SMOKER TRIM, RS

5.0 LOADS, RANGE 44.00-51.00, WGHTD. AVG. 47.20.

BOSTON BUTT

4-8 LBS. *, 4.0 LOADS, RANGE 57.00-59.00, WGHTD. AVG. 58.00.

¼" TRIM 4-8 LBS., 4.0 LOADS, RANGE 76.00-78.00, WGHTD. AVG. 77.00.

COMBOS 8 AND UP LBS., RANGE 48.00, WGHTD. AVG. 48.00 C.

SPARERIB, FRESH

1.5-3.5 LBS., RANGE 107.00, WGHTD. AVG. 107.00 A.

3.5-5.5 LBS., RANGE 85.00, WGHTD. AVG. 85.00 A.

LOIN BACKRIB (BOXED) FRSH/FRZN

1.75 AND DOWN LBS., RANGE 214.00, WGHTD. AVG. 214.00 C.

1.75-2.00 LBS., RANGE 185.00-190.00, WGHTD. AVG. 187.50 A.

HAM, SKINNED, SELECTED

17-20 LBS., 8.0 LOADS, RANGE 65.00-68.00, WGHTD. AVG. 65.88.

FRESH 20-26 LBS., 12.5 LOADS, RANGE 64.00-65.00, WGHTD. AVG. 64.68.

HAM, SKINNED, COMMODITY

FRESH 17-20 LBS., RANGE 63.00, WGHTD. AVG. 63.00 A.

FRESH 20-26 LBS., 3.0 LOADS, RANGE 61.50-62.00, WGHTD. AVG. 61.83.

FRESH 26-32 LBS., 0.5 LOADS, RANGE 60.00, WGHTD. AVG. 60.00.

FRESH 32 LBS. AND UP, 1.5 LOADS, RANGE 60.00, WGHTD. AVG. 60.00.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 10-12 LBS., RANGE 28 00, WGHTD. AVG. 28.00 A.

FRESH 12-14 LBS., 8.0 LOADS, RANGE 31.75-34.00, WGHTD. AVG. 32.38.

FRESH 14-16 LBS., 3.0 LOADS, RANGE 33.00-34.00, WGHTD. AVG. 33.42.

FRESH 16-18 LBS., 2.0 LOADS, RANGE 31.50, WGTHD. AVG. 31.50.

FRESH 18-20 LBS., RANGE 27.00, WGHTD. AVG. 27.00 C.

FRESH 20-25 LBS., RANGE 19.25-24.00, WGHTD. AVG. 21.75 A.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 4.5 LOADS, RANGE 28.00, WGHTD. AVG. 28.00.

BOXED 42% FROZEN, RANGE 26.00, WGHTD. AVG. 26.00 B.

COMBO 72% FRESH, 6.5 LOADS, RANGE 43.00-44.00, WGHTD. AVG. 43.46.

BOXED 72% FROZEN, 3.0 LOADS, RANGE 49.00, WGHTD. AVG. 49.00.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 4.0 LOADS, RANGE 47.00, WGHTD. AVG. 47.00.

SKINNED JOWLS

COMBO FRESH, 0.5 LOADS, RANGE 22.00, WGHTD. AVG. 22.00.

BOXED FROZEN, 1.0 LOADS, RANGE 21.00, WGHTD. AVG. 21.00.

NOTE! (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT
WEDNESDAY, FEB. 10, 1993

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. TUESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 59.70, CHANGE FROM TUESDAY'S VALUE 0.90; US#2 57.73, CHANGE FROM TUESDAY'S VALUE 0.89; US#3 55.75, CHANGE FROM TUESDAY'S VALUE 0.87; US#4 53.78, CHANGE FROM TUESDAY'S VALUE 0 87

TODAY'S CALCULATIONS FOR USA#2 175 LB. PORK CARCASS:

SKINNED HAMS, 14-20 LBS., 21.01% OF CARCASS, 65.75 FOB VALUE, .50 CHANGE FROM TUE.; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 117.50 FOB VALUE, 1.25 CHANGE FROM TUESDAY.

BELLIES, SDLS, 12-14 LBS., 13.90% OF CARCASS, 32.50 FOB VALUE, 2.50 CHANGE FROM TUES.; SPARERIBS, 3.5DN LBS., 3.03% OF CARCASS, 107.00 FOB VALUE.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 32.00 FOB VALUE; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 75.00 FOB VALUE, 2.00 CHANGE FROM TUESDAY.

JOWL, 2.85% OF CARCASS, 22.00 FOB VALUE, 1.00 CHANGE FROM TUESDAY; NECKBONES, 1.52% OF CARCASS, 13.00 FOB VALUE.

FEET, 1.05% OF CARCASS, 15.00 FOB VALUE; TAILS, 0.22% OF CARCASS, FOB VALUE 46.00.

TRIM 72%, 2.19% OF CARCASS, 43.50 FOB VALUE, 0.25; LARD 10.85% OF CARCASS, 13.75 FOB VALUE.

TOTAL CARCASS 94.51%. US#2 CARCASS VALUE PER CWT. 57.73.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

Shenandoah Valley Livestock

Harrisonburg, Va.
Feb. 6, 1993
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 88.00-97.50; 500-700 LBS. 88.00-94.00; 700-1000 LBS. 72.00-83.00; HOLSTEIN 300-500 LBS. 57.00-79.00.

FEEDER BULLS: M&L-1 300-500 LBS. 85.00-97.00; 500-700 LBS. 73.00-84.50; 700-800 LBS. 65.00-74.00.

HEIFERS: 300-500 LBS. 82.00-87.50; 500-700 LBS. 72.00-78.00; 700-1000 LBS. 60.00-74.50.

STOCK COWS: BABY CALVES BY THE HEAD, 50.00-95.00-170.00, CWT. 1.30-1.73.

SLAUGHTER COWS: FEW HIGH YIELDING COWS 51.50-54.00; UTILITY AND COMMERCIAL 46.00-50.50; CANNERS AND CUTTER 41.00-46.50; SLAUGHTER BULLS 53.75-59.00.

LAMBS: BLUE O HIGH CHOICE AND PRIME 74.00; FEEDER LAMBS CHOICE 73.50; FEEDER LAMBS CHOICE 82.50; SLAUGHTER EWES 26.00-32.50.

HOGS: US#1-3 200-240 LBS. 38.00.

BOARS: 25.25.

609 Tobacco Farmer

If you did not send your process pounds in please do so as soon as possible.
Thank-You!

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All Loop Stalls Are Coated With Baked On Top Grade Polyester TGIC Powder Coating After Fabrication

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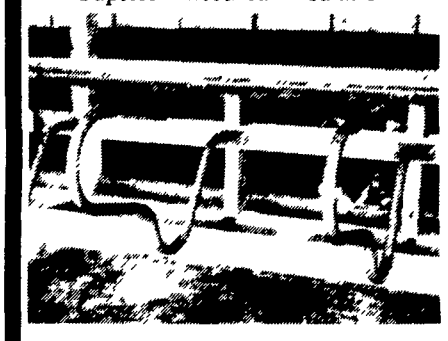

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- Greater cow comfort in shorter, stall beds
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Loop Stalls Are Constructed Of:
- 2 3/8" Outside Diameter High Yield Steel Tubing With A 12 Gal. (.108) Wall
- Spray Arc Transfer Method Used On Welds

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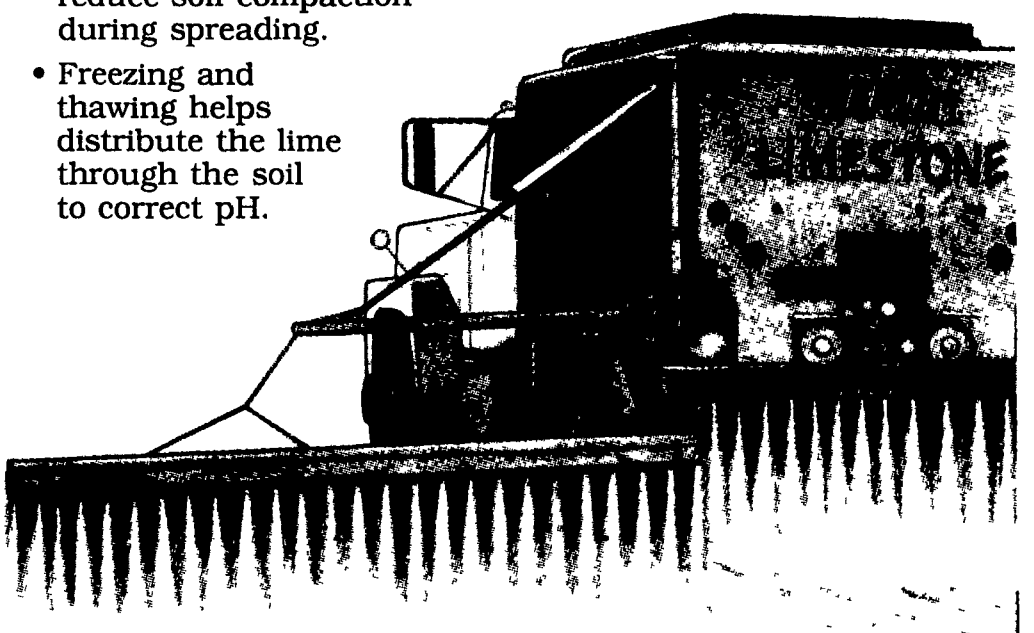
Profit from winter lime application

- Winter's frozen ground conditions reduce soil compaction during spreading.
- Freezing and thawing helps distribute the lime through the soil to correct pH.



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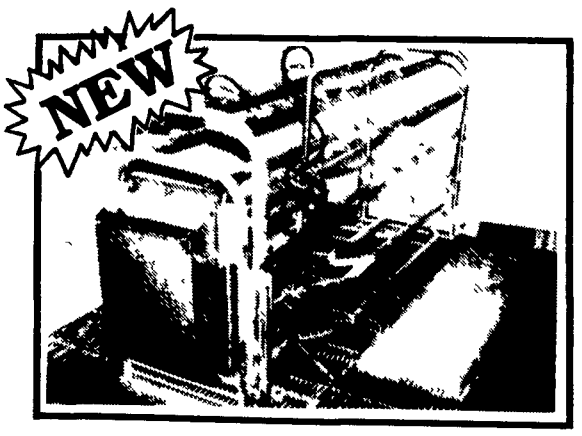
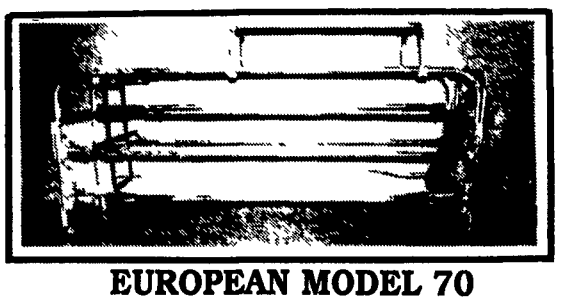
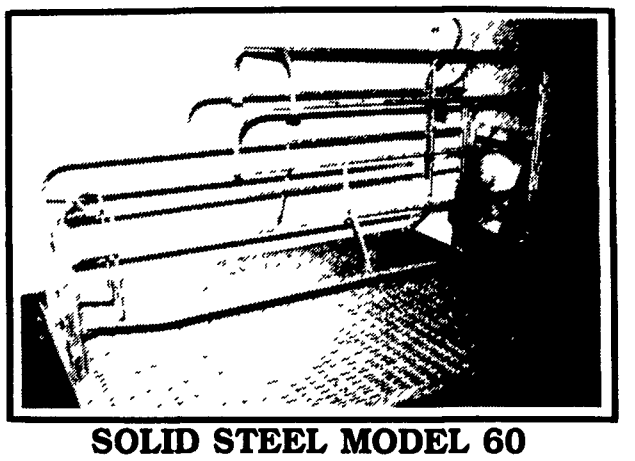
FARROWING CRATES



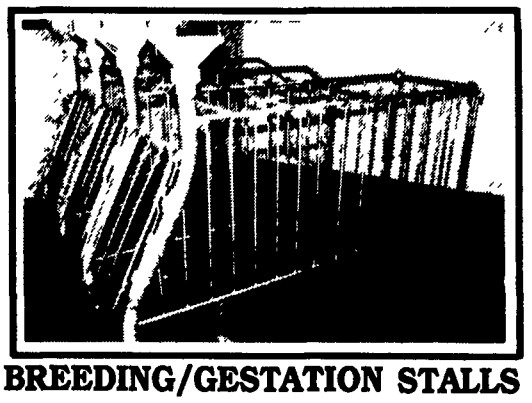
ADJUSTABLE SWING SIDE WITH PIG SAVER BAR



EUROPEAN MODEL 70

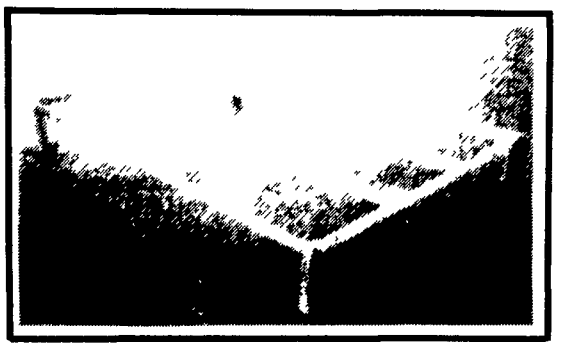


SOLID STEEL MODEL 60



BREEDING/GESTATION STALLS

HORIZONTAL FENCING
Also Available: Vertical Fencing



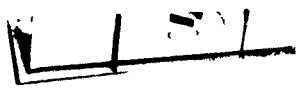
FLOOR FRAMES

Modern Ag Systems

Quality Stainless Steel Hog Feeders

Relative Size Illustration

Photo shows relative size of double-sided Nursery feeder (ND-5) on left, and finisher feeds (FD-5) on right



Vent Door available in stainless or galvanized steel. Insulated

SOW FEEDER

All Stainless Steel

- No adjustment rods or bolts within reach of hogs
- Special floating feed gate causes additional feed release when hog touches it.
- Feed gate easily adjusted with lockable control cranks.
- 100% highest quality stainless steel.
- All exposed metal edges are safety hemmed.
- Welded construction for maximum strength.
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Save 30% On Your Electric Bill with our 175 Watt Heat Bulb

These 175 watt heat lamp bulbs put out as much heat as a 250 watt bulb but use 30% less electricity at $.10 per K.W.H. that's $37.50 over the life of the lamp. Even better, if you run 40 lamps that's a savings of $1,500.00.

Bulbs are Heavy Duty Industrial type with high brass base and are resistant to urine and water splash damage, so you'll save even more on those costly breakage problems.

STANDARD 125-250 WATT BULBS AVAILABLE

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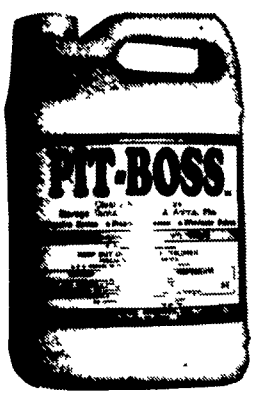
Pit Additive To Reduce Pit Odor & Pit Solids



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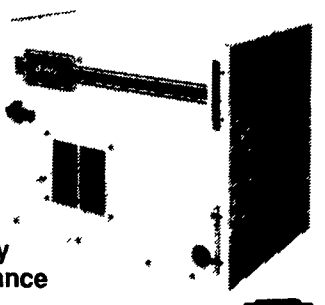
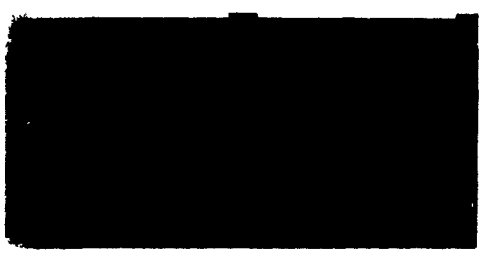


- Safety
- Quality
- Durability
- Performance



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NEW

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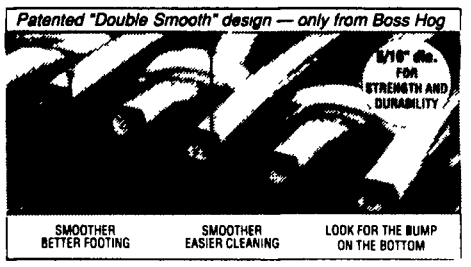
HEAVIEST WIRE FLOORING MADE


Patented "Double Smooth" design — only from Boss Hog
5/16" dia. FOR STRENGTH AND DURABILITY
SMOOTHER BETTER FOOTING
SMOOTHER EASIER CLEANING
LOOK FOR THE BUMP ON THE BOTTOM

Boss Hog's patented "Double Smooth" design plus the strength and durability of its exclusive 5/16" diameter wire make this your best flooring buy! Insist on Boss Hog, the wire with the bump on the bottom. From the nation's largest manufacturer of animal flooring

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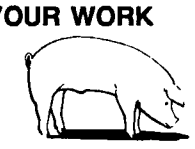
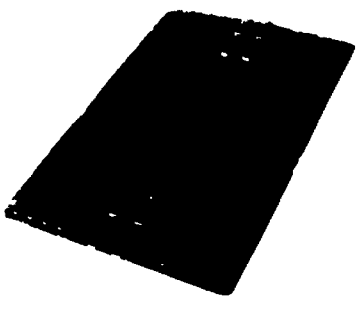
CREEP PAD

WE MAKE YOUR WORK CLEANER, FASTER, AND HEALTHIER





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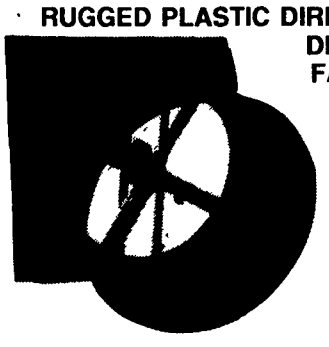

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2-13

Estimated Daily Livestock Slaughter

Under Federal Inspection

Feb. 10, 1993

	CATTLE	CALVES	HOGS	SHEEP
MONDAY (EST)	124,000	5,000	347,000	22,000
WEEK AGO (EST)	126,000	5,000	347,000	22,000
YEAR AGO (ACT)	116,000	6,000	352,000	21,000
WEEK TO DATE (EST)	352,000	15,000	1,019,000	63,000
SAME PD LT WK (EST)	356,000	16,000	1,055,000	63,000
SAME PD LT YR (ACT)	336,000	17,000	1,023,000	61,000

PREVIOUS DAY ESTIMATED TUESDAY STEER AND HEIFER 98,000, COW AND BULL 26,000.

Valley Stockyards

Athens, Pa.

Monday, Feb. 8, 1993

Report supplied by auction

HOLSTEIN HEIFER CALVES TO 210.00.
VEALER BULL CALVES TO 187.50.
SLAUGHTER CALVES 70.00 AND DOWN.
GRASSERS & FEEDERS TO 61.00.
LAMBS, NEW LAMBS 90.00, WOOL TO 75.00.
SHEEP TO 48.00.
HOGS 200-250 TO 42.00.
SOWS TO 29.00.
BOARS TO 28.00.
PIGS BY THE HEAD, TO 28.00.
HEIFERS TO 58.00.
STEERS TO 56.00.
FEEDER STEERS TO 78.00.
BULLS TO 55.75.
GOOD COWS 48.00-53.00, TOP 55.00.
COWS MEDIUM 42.00-48.00.
COWS POOR OR SMALL 42.00 AND DOWN.
CATTLE MARKET GOOD.
CALF MARKET GOOD.
HORSES EACH TO 800.00.
PONIES TO 75.00.
GOATS: TO 112.50.
MARKET ACTIVE.

Belleville Livestock Auction

Belleville, Pa.

Wednesday, February 10, 1993

Report Supplied by Auction

CATTLE 109...Supplied by the auction. STEERS: one Select 68.00-71.25, Standard 58.00-67.50. COWS: Breaking Utility and Commercial 48.50-54.00, Cutter and Boning Utility 46.00-49.25, Canner and low Cutter 41.00-45.75. Shells down to 35.00.

CALVES 103... VEALERS: Standard and Good 90/110 lbs. 40 00-55.00. FARM CALVES: No. 1 Holstein Bulls 80 00-200.00.

HOGS 185... BARROWS AND GILTS: US No.1-2 44.00-44.60, 1-3 42.00-43.75, 2-3 38.00-41.50.

FEEDER PIGS 213...US No. 1-3 35/50 lbs. 28.00-44.00.

SHEEP 22..Choice 54.00-160.00. Slaughter Sheep 20.00-30.00.

GOATS 16. .Large 20.00-85 00 ---- all per head.

DAIRY COWS 103.... $600.00-$1425.00.---- all per head.

North Jersey Livestock

Hackettstown, NJ

Tuesday, Feb. 9, 1993

Report supplied by auction

CALVES .20-1.95.
COWS .40-55¾ .
EASY COWS .19-.46¾ .
HEIFERS .41-.65.
BULLS .55½ -.71.
STEERS .56-.76¾ .
SOWS .27½ -.33.
ROASTING PIGS EACH 15.00-39.00.
BOARS .28½ .
SHEEP .22-.63.
LAMBS EACH 21.00-80.00.
LAMBS PER LB. .43-1.06.
GOATS EACH 24.00-130.00.
KIDS EACH 16.00-75.00.
HIDES EACH 12.00-25.00
OTAL 889.

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SALE PRICES IN EFFECT NOW THRU MAR. 1, 1993

SALE $46.95 Reg. $59.95 #4630 Redwood M,W

SALE $52.95 Reg. $65.95 #4830 Redwood M,W

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SALE $49.95 Reg. $62.95 #4631 Redwood M,W

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Ken Hanford, Manager, Porkville, Inc
Thawville, Illinois
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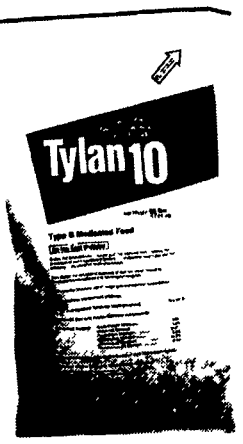

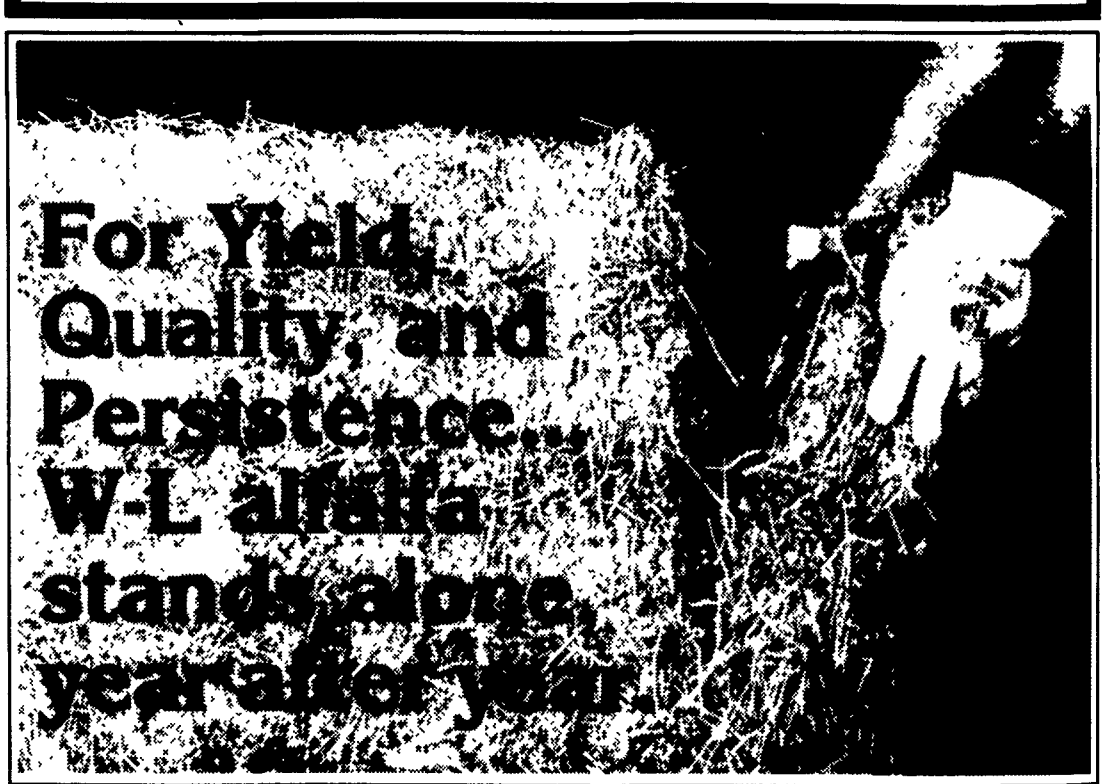

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HOGS 180. B&G US NO. 1-2 240 LBS. 44.60, US NO. 1-2 220-250 LBS. 42.00-43.50, SOWS US NO. 1-3 350 LBS. 34.00-36.50, BOARS 31.00.

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GOATS: 77. LARGE 75.00, MEDIUM 50.00, SMALL 35.00.

Atlantic Locals Hear Quality Rules Discussed

EVERETT NEWSWANGER
Managing Editor

MOUNT JOY (Lancaster Co.) — An official of Atlantic Dairy Cooperative (ADC) told dairy farmers they must always keep in mind that they are producing a food for consumption and suggested that they not put milk in the tank from which they would not want their family to drink.

Don Breiner, field and lab services manager, was the featured speaker at the ADC dinner meeting Thursday for the Donegal and Lititz locals. Breiner enumerated various points that can cause large deductions in score on the farm sanitary inspection program. Since everyone in a bulk tank unit loses certification if individual farms draw down the total score, it is imperative that every farm meet the standards.

Items on the score sheet in which dairy persons can lose a large number of points include:

• The milk house. If the milk house is not clean and neat, it is a reflection on the total operation.

• The milking equipment. Everything milk touches must be squeaky clean. Equipment must be smooth and sanitized. You can't sanitize a rough surface; therefore, you lose 10 points just on these two items.

• Cows must have clean flanks and udders. You can't produce clean milk any other way.

Awards were presented by Rhelda Royer, director. In the photo from left, Amos Conley and Earl Landis, quality awards; Royer; and John B. Groff, 25 Year Award.

• Medicines must be properly labeled and properly stored. Many of the requirements are consumer-driven.

"Many people feel that a number of items on the inspection sheet have very little or nothing to do with producing milk, and therefore should not be included in an inspection, rating, or spot-check," Breiner said. "But producing milk does not only include the quality of the milk produced. Conditions in

(Turn to Page A39)

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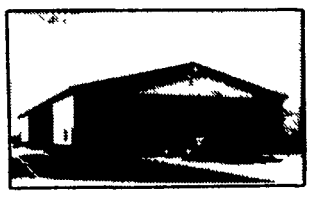

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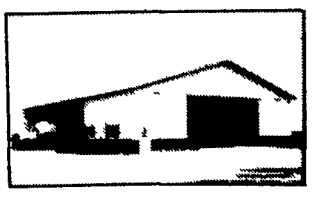

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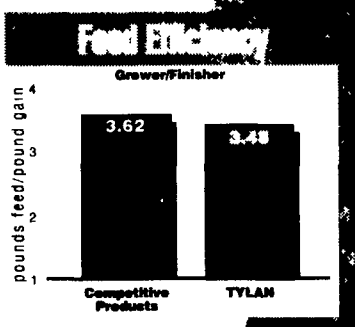
1990s On-farm demos



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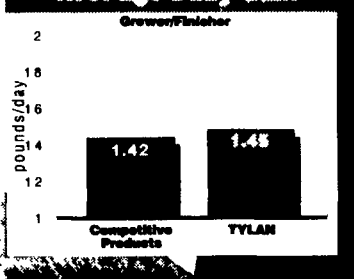


Tylan also adds more pounds of pork faster. Pigs that grow faster can go to market sooner.

Tylan

Mickey Plants Apple Trees, Others, In Family Orchards

BONNIE BRECHBILL
Franklin Co. Correspondent

CHAMBERSBURG (Franklin Co.) — Dwight Mickey's favorite saying is, "If I knew the world would end tomorrow, today I would plant an apple tree." (Author unknown)

While Mickey doesn't profess to have any inside knowledge of when the world will end, he certainly has planted apple trees. And peach trees. And pear, cherry, apricot and plum trees.

Mickey, 33, along with his parents, Jack and Wilma Mickey, operates Shatzer Fruit Market and Orchards just west of Chambersburg. In addition to the 40 acres of fruit trees, the Mickeys have 10 acres of sweet corn and two to three acres of pumpkins. The farm has been in the family since 1932.

The Mickeys won 92 ribbons at the Farm Show this year, including 23 first places. "The competition was much stiffer this year," Dwight Mickey said. His family has been the overall prize winner in the fruit division for the past four years, he said. "I don't look at it that I'm competing with other growers. I compete with myself and try to do better each year. It's my report card for the year."

Mickey invested a lot of time preparing to win all those ribbons. He spent 10 days going through 120 bushels of apples in his cold storage building to get 30 bushels for his display. "I spent a whole day just on Yellow Delicious. The challenge is to find 88 apples all the same to put in a bushel," he said. The judges look for uniformity and finish.

He also worked in the apple and cider booth in the Food Court. Proceeds from the stand are used to fund research projects in Pennsylvania's fruit industry.

A highlight of his week was giving a presentation about apples to the non-farm public in the Family Living Center. About 150 people attended. He spoke about several new varieties of apples, such as Fuji, Gala and Ginger Gold, then focused on pest management technology such as pheromone traps and mating disruptance. People asked questions afterwards. "No one was critical about spraying," he noted. "The questions were pertinent to anyone who has a couple of (apple) trees in their backyard."

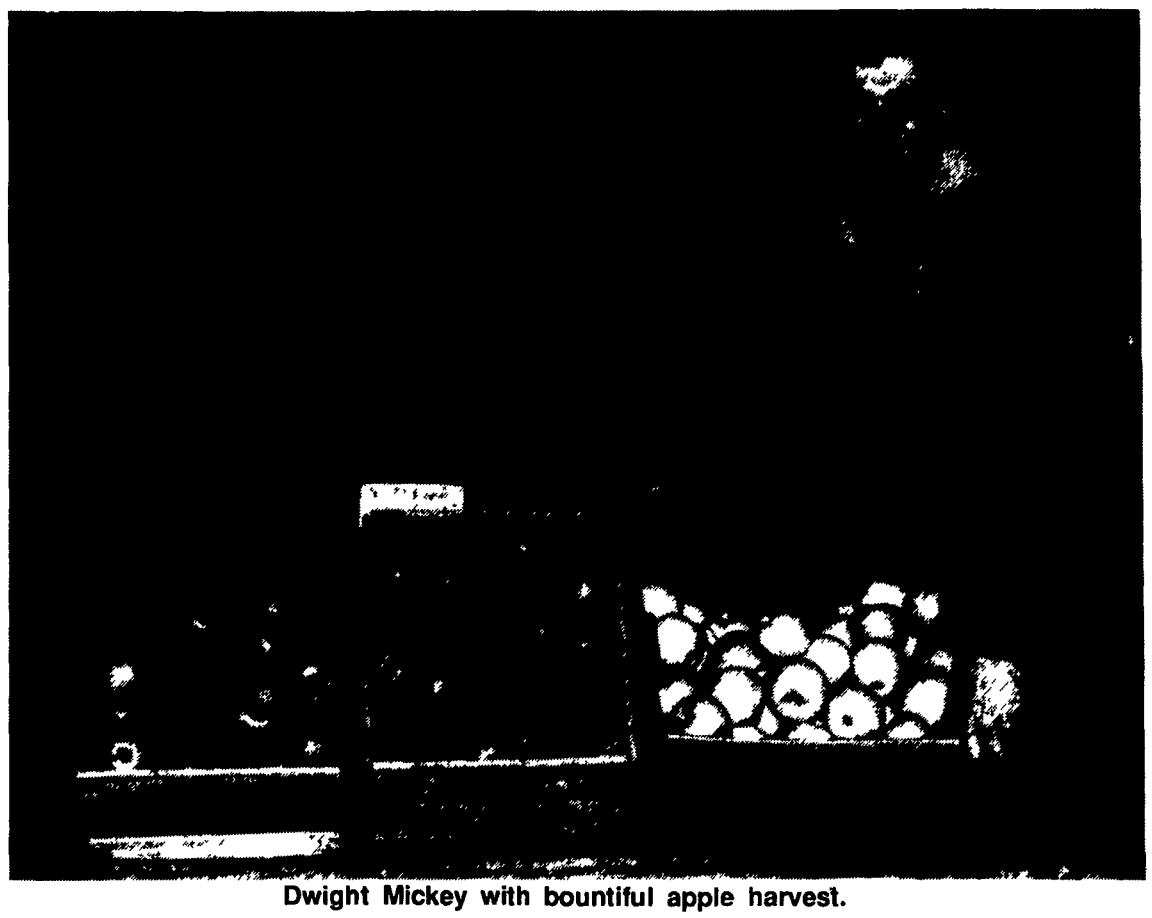
Mickey had a brief foray into the world of broadcast journalism at this year's Farm Show. At the request of Greencastle radio station WKSL, he gathered news of Franklin County participants and award winners. His report was recorded over the phone each evening for broadcast.

He has attended Farm Show every year since he was 4. "It's tiring, but I enjoy every minute of it," he said.

Uses New Technology

A 1981 graduate of Shippensburg University with a degree in Business Management, Mickey makes use of the new technology that is available to the fruit industry. His hydrothermograph keeps track of temperature, leaf wetness and humidity, allowing him to predict disease conditions.

He also uses Integrated Crop Management, which involves the use of beneficial insects such as the ladybird beetle, praying mantis and ladybug, to help to control harmful insects.



Dwight Mickey with bountiful apple harvest.

Mickey determines the population of harmful insects with insect traps. Depending on the numbers found, he may stretch his spray interval from seven days to 10.

"With new technology, I feel that by 2000 insecticides in the orchard will be pretty well finished and replaced with biological controls," he predicts. Diseases of fruit trees, however, are a different story, he said. "The only way I foresee no spray at all is through the development of disease-resistant strains of fruit."

Penn State's Extension Agent for Fruit, William Kleiner, has worked with Mickey on new projects for about five years. He said Mickey is open-minded and willing to learn about new technology.

"He's a good cooperator. He's willing to try things even though not everything is going to be adaptable to his operation," Kleiner said.

Strategy for Survival

Mickey hires one to four part-time employees during the busiest seasons.

"Labor is an increasing problem, one that is of great concern to me if I'm going to survive over the next 20-30 years," he said.

Another factor involved in the survival of small orchards is overhead.

"The price of chemicals has doubled in the last 10 years. The price of a tractor has quadrupled in 20 years," Mickey said. "We're getting the same price for apples as we did 15 years ago. What laborer is getting the same at his

(Turn to Page A23)

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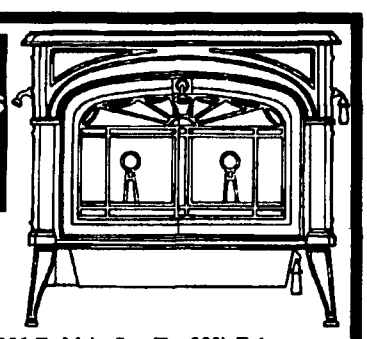

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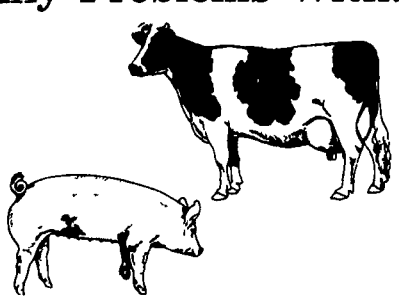

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Blazer XL	R	R	HR	HR	HR	•	•	•	R	R	•	HR
Crown II	HR	R	HR	HR	HR	•	LR	•	•	R	•	MR
Dart	HR	R	HR	HR	R	•	•	•	•	R	•	•
Fortress	R	R	R	HR	R	•	•	•	HR	R	•	HR
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Legend	HR	R	HR	HR	HR	•	MR	•	MR	R	•	LR
Magnum III	R	MR	R	R	MR	•	•	•	MR	•	•	MR
Magnum III-Wet	•	MR	R	R	MR	•	•	•	•	•	•	MR
Multiking 1	HR	R	HR	R	R	•	•	•	MR	MR	•	MR
Oneida VR	R	HR	HR	MR	MR	•	•	•	•	•	•	•
Sabre	•	HR	HR	R	HR	•	•	•	•	HR	•	•
Vernal	R	•	MR	•	•	•	•	•	•	•	•	•
WL 320	R	MR	HR	R	MR	•	•	•	MR	MR	MR	R
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Many Factors Go Into Forage Establishment

ANDY ANDREWS
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — After looking at a weak stand of corn, farmers often assume they've got a nutrient problem.

But many times the problem is simply compaction.

Steve Fales, associate professor, crop management from Penn State, left, appears via satellite uplink from Penn State with Dr. Ray Shipp, Penn State associate professsor, agronomy at the Lancaster Crops Day on Tuesday. More satellite conferences are scheduled the next two weeks.

In many cases, farmers mistake compaction problems for nutrient problems. But unless the problem is handled well, and the farmer takes a good, close look at his soil compaction management, future stands may continue to remain weak, according to Lynn Hoffman, Penn State agronomist, on Tuesday at the Lancaster County Crops and Soils Day.

Hoffman spoke to about 150 farmers and industry representatives at the day-long program, which included a special satellite teleconference featuring Penn State experts on forage crop establishment and management and nutrient and residue management.

A first-ever event at the Farm and Home Center, the conference, coordinated by Penn State, was beamed via an uplink from State College to a satellite (Galaxy 2, Ch. 15, some 25,000 miles up in space). Participants included Cambria, Pike, Somerset, Bedford, Jefferson, Lackawanna, Susquehanna, Wayne, Wyoming, and Tioga counties, and various Penn State locations, including DuBois and Scranton. Also participating were extension offices in Delaware, West Virginia, Virginia, and Maryland, coordinated by Milt Nelson, extension representative, Maryland.

Via phone, and transmitted to many locations simultaneously, Dr. Douglas Beegle, left, answers a question in Lancaster from Cambria County. With him is Lynn Hoffman, agronomist, Penn State.

Many of the questions at the end of the session were presented by

(Turn to Page A25)

Mickey Plants Apple Trees

(Continued from Page A22)

job as he got 15 years ago?"

The last several years have been tough on Franklin County's family-owned orchards. Mickey said that there are only a few small orchards like his that have no other income.

Starting 20 years ago, his family changed some of their operation to counter the hard economic times. "We went from being primarily processing and wholesale to primarily retail. My goal is to sell absolutely everything through the market."

Ninety percent of what he grows is now sold at the stand. Thirty years ago, it was ten percent.

Mickey also installed a trickle irrigation system on 50 acres of his 90 acre farm. It uses one-fifth of the water that would be used by shooting the water out over the trees.

"It took a lot of money and time, but it guarantees a crop even in a dry year. I want to increase my production of fruit per acre rather than my number of acres."

The farmer isn't getting his fair share of the food dollar for his investment, work and risk, Mickey said. "I'm entitled to as much of the good life as other people Today's public is too many generations removed from the farm. They need an idea of what goes on out here. When I'm spraying, it's not because I want to but because I have to."

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Keystone Pork Congress Hosts Range Of Programs

Pork Bowl Has Roots In Church 'Quiz Bowls'

(Continued from Page A1)

the council was discussing plans for the annual Keystone Pork Congress "and they really wanted to get some youth activities going," said Fairbairn. She suggested the Pork Bowl.

Formatted bowl

After hearing about the proposal, Ken Winebark, Lebanon County livestock agent and coordinator of the Bowl, in addition to Ken Kephart, Penn State swine specialist; Cheryl Fairbairn; and Bill Morray, ag agent in Adams County, formatted the state Pork Bowl after the Chester County contest. "Together, we wrote the basic questions," according to Fairbairn. The first year of the Bowl, six teams were present. (The committee decided to keep competing teams to a maximum of 12 because of the time limitations of the Congress.)

The Pork Bowl was modeled closely after the Chester County contest, with brackets and the process of single elimination.

Chester County continues the popular tradition of the bowl, in which they select those individuals to represent the county at the state contest.

Fairbairn said she tells the students "they better know a lot about the pork industry to win that contest." The 4-H team placed first in 1986 and has consistently placed second or third since 1986. But competition is becoming a lot more stiff, because the questions are difficult and the equipment (in which contestants try to identify) is sophisticated.

12 teams accepted

In the contest, each county is invited to enter a team of four 4-H'ers and or four FFA members. An entry fee of $25 is required per team.

As of Dec. 3 last year, 12 teams had been accepted to the competition, and three were on the waiting list. The six 4-H teams included Potter, Chester, Indiana, Armstrong, Lebanon, and York counties. The FFA teams included Greenwood, Big Spring, Chambersburg, Mifflinburg, Littlestown, and Newport.

Awards will be presented to the top teams, according to Winebark. The top team will receive free tickets to the Pork Congress banquet scheduled for 6:30 p.m. in the Main Ballroom.

For more information, contact Fairbairn at the Chester extension office, (215) 696-3500 or Ken Winebark, Lebanon extension office, (717) 270-4391.

Boar Sale

This is the first year that the Performance Tested Boar Sale, normally held later in the year at State College, will be conducted in conjunction with the Pork Congress at the Penn Harris at 3:30 p.m. on Feb. 17.

According to Glenn Eberly, the Boars on test include four Poland China, 48 Yorkshires, eight Durocs, eight Landrace, eight Hampshires, and four Berkshires. Approximately 45 boars will be sold by videotape.

Most of the boars already have completed their test with average gains of 2.20 pounds per day.

For more information about the sale, contact Eberly at (814) 238-2527.

Junior Speaking Contest

A major event of the Pork Congress is the Junior Public Speaking Contest, in the Main Hotel Complex.

The contest begins at 9:30 a.m. for ages 16-19 and 12-15, and at 12:30 p.m. for ages 8-11. Prizes are awarded for each of the age groups.

In addition, scheduled is the Pork Buffet and awards program, along with the Legislative Activity Fund Auction. The buffet begins at 6:30 p.m. in the Main Ballroom. The fund auction, with auctioneer Harry Bachman, begins at 7:30 p.m.

Also at the Congress, H. Louis Moore, Penn State economist, will present his market outlook; and other speakers will address swine genetic programs, quality assurance, respiratory problems in swine, exports, and other activities.

For more information, contact your local county extension office. To make banquet reservations, contact Stephen Burkholder, (215) 682-2871.

Keystone Pork Congress Schedule

PRODUCERS PROGRAM
Main Ballroom

8 00 am — *Registration - Doors Open to Trade Show*

Morning Session
Chairman -
Ken Kephart

9 30 am — *Welcome*
Ken Kephart

9 45 am — *Market Outlook*
H Louis Moore

10 30 am — *Genetic Programs that Producers Need, and Consumers Demand*
Lauren Christian

11 30 am — *Just Say Yes to Quality Assurance*
Beth Lautner

Afternoon Session
Chairman -
Kenneth Kephart

1 15 pm — *Staying Ahead of the Respiratory Nightmare*
Richard Ross

2 15 pm — *Opening the International Doors to American Pork*
Al Tank

PA PERFORMANCE BOAR SALE
Main Ballroom

3 30 pm — *Video Auction Boar Sale*
Glenn Eberly
Harry Bachman

PORK BUFFET, AWARDS PROGRAM AND LEGISLATIVE ACTIVITY FUND AUCTION
Main Ballroom

6 30 pm — *Pork Buffet and Awards Program*
Abe Fisher

7 30 pm — *Legislative Activity Fund Auction*
Harry Bachman

JR PUBLIC SPEAKING CONTEST
Main Hotel Complex

Chairman -
Bruce Lemmon

9 30 am — *Ages 16-19*
Ages 12 15

12 30 pm — *Ages 8-11*

KEYSTONE PORK BOWL
Keystone E Room

Chairman -
Kenneth Winebark

9 30 am — *Preliminary Eliminations*

2 00 pm — *Final Eliminations*

To Hold Auction

DAUPHIN (Dauphin Co.) — Consignments and donations are now being accepted for the ninth annual auction of the Dauphin County Conservation District.

Auction coordinators are seeking quality items such as farm tractors and farm equipment, lawn and garden equipment (all types of mowers and rototillers), camping equipment, high grade lumber, hardware, power and hand tools, saleable household furnishings, antiques, and collectibles. Items should be of good quality and in working order. Items may be refused if they do not meet this criteria.

Vehicles and boats must include titles — a notary will be present on the day of the sale for transfer. Any items consigned with reserve will require a $10 fee.

The district urges early consignment and donations, but articles will be accepted until 4 p.m. on April 2. The sale will be held on Saturday, April 3 beginning at 9 a.m. at the Gratz Fairgrounds, 18 miles east of Millersburg on Route 25, in northeast Dauphin County.

Proceeds of the sale benefit the Dauphin County Agriculture and Natural Resources Center and a scholarship fund for Dauphin County students and teachers in agricultural and environmental science education programs.

To consign and donate items, please call Auction Coordinator Mervin Adams at (717) 692-3076 or Mike Hubler at the district office, (717) 921-8100.

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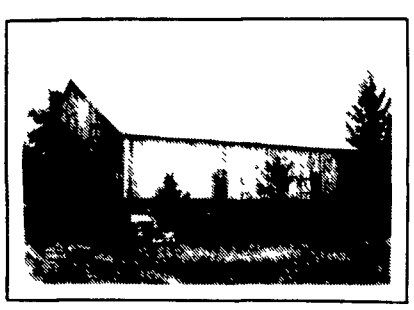

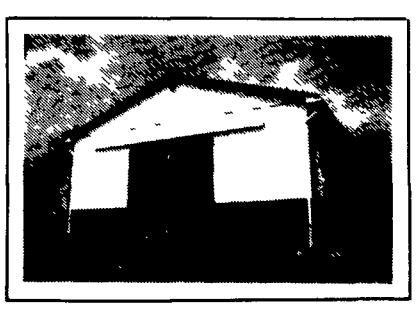

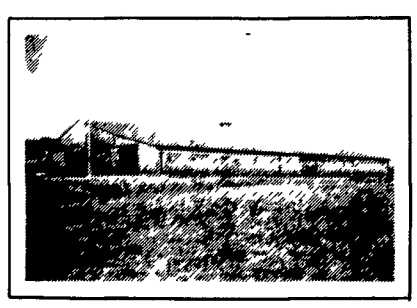

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Forage Establishment

(Continued from Page A23)

viewers at the Lancaster Crops Day.

Steve Fales, associate professor, crop management from Penn State, introduced the forage conference via satellite uplink. Various forage experts, including Marvin Hall, Penn State forage specialist; Dr. Ray Shipp, Penn State associate professsor, agronomy; Dr. Douglas Beegle, Penn State associate professor, agronomy; and Hoffman, participated.

According to the teleconference members, farmers must first understand their site and soil characteristics before attempting to grow forages. Adequate moisture, good stand management, fertilizer/lime applications, regular soil testing, and good weed control — "and all things being equal," according to Shipp — will determine the yields.

According to Shipp, soil depth and drainage are two characteristics affecting potential yield. A good soil profile, with at least 2-3 feet of good soil to bedrock, that provides adequate nutrient retention and moisture drainage, is essential.

Hall, who spoke about seed selection, said that three factors include species (to obtain expected yields), the needs of the animal, and selecting the seed for the right production from time of planting, are critical.

According to Hall, the Pa. Agronomy Guide and Pa. Forage Trials Report will aid in species and variety selection.

Before planting, Beegle emphasized the importance of obtaining a regular soil test to determine if the phosphorous and potash levels, in addition to pH, are adequate for the type of species planted. (According to Shipp, in the question and answer period following, he said that the soil test has an accuracy of about 85 percent.) The "bottom line" in establishing forages is to "plan ahead," said Beegle. Grasses and legumes differ in nitrogen use — a predominance of grasses require regular nitrogen applications, where a predominance of legumes require no additional nitrogen applications.

Various seed coatings, according to Hall, to help establish the stand are available. Hall emphasized reading the labels "and know what you're buying."

Several seed treatments, including those with nutrient-quality materials coating them, will increase the volume of seed in a given package. There are different varieties of coating to help protect against fungus and to help in seed establishment.

After soil and seed management has taken place, the next step is choosing the planting method. Whether using no-till or minimum tillage, the experts emphasized the importance of preparing a fine seedbed for adequate seed-to-soil contact and germination, according to Hall.

According to Hall, before planting, inoculate the seeds adequately by stirring the inoculant in the seed hopper. Fales, via satellite, later posed the question of what if the seed was planted and no inoculation was used. At that time, it is too late.

Fertilizer should be banded in 1 inch below the seed location. A good phosphorous starter, such as 10-20-20 or 10-20-10, is useful. Most forages need to be planted at ¼ inch, and no deeper than ½ inch. Hall said cultipacking before and after insertion of the seed may be essential to allow adequate germination.

In the state, many farmers tend to plant excessive amounts of seed. This is not necessary, according to Hall, if using quality seed and observing application.

Using good quality seed and management of the germination helps in yield, according to Hoffman. While there might not be a "best" time to plant, a good time to establish a stand is March and April. Late August and early September is also good, depending on conditions of the soil and weather.

Proper drill calibration, if using no-till, is essential. If dropping in row, a firm seedbed is necessary.

Whatever method is used, according to Hoffman, the important thing is to make sure that the equipment is used and adjusted accordingly. Critical is proper seeding depth (alfalfa no more than ⅜ inch and no less than ¼ inch). Hoffman said it's important to recognize that you cannot see what the seed depth is from the tractor seat. "Get off the tractor to look," he said.

In the afternoon at the Crops Day, Beegle spoke about soil fertility management decisions. Fertility management is a "continuous process" and begins in the rotation, when the field is in corn. Overall, it's important to know that legumes fix nitrogen, and don't need nitrogen as much as the grasses. Beegle examined the different rates of nitrogen and other fertilizer uses, compared to quantity of yield, depending on type of forage.

But the best way to see how a plant uses nutrients, and to examine possible nutrient deficiencies, is to take a plant sample. A lot of the times, when a farmer sees alfalfa yellowing, the problem could be boron deficiency or drought stress.

Also, compaction may be the culprit, according to Hoffman. Compaction is more likely to occur on some soils than others, and if a farm has a high clay content, there are greater chances of compaction — "if you're doing something wrong," said Hoffman.

Many times, the farmer goes into the field with heavy equipment while the soil is too moist, further complicating existing compaction. Although causes such as adverse soil conditions ("getting on the soil when we should find something else to do," he said), tillage tools, and heavy loads contribute to compaction, farmers should try to prevent it rather than fix the problems.

Hoffman examined various ways to try to correct compaction, including using crop choice and rotation, and tillage. Tillage tools vary from paraplows, to V-rippers, to any modification of the two. Farmers can check for various site compaction areas using a penetrometer or simply a welded T-bar with a pointed end.

Hoffman said he was "in favor of using the right tool for the job you have to do. Work at the proper depth to maximize the efficiency of the tool," he said.

According to Ron Matason, senior producer/director of the conferences, satellite teleconferences are scheduled for the following dates:

- Feb. 15 — Grain Crop Establishment and Pest Management. Participants include Jefferson, Lackawanna, Schuylkill, Somerset, Susquehanna, Wayne, and Wyoming counties.
- Feb. 25 — Pest Management. Participants include Beaver, Blair, Cambria, Huntingdon, Jefferson, Lackawanna, Lehigh, Lycoming, Perry, Tioga, Wayne, Somerset, Schuylkill, and Wyoming counties.

For dates, locations, and times, contact your local extension office.

Outreach Luncheon Set

WESTMINSTER, Md. — The sixth annual Fellowship of Christian Farmers (FCF) Outreach Luncheon will be held March 6, 12 p.m.-2:30 p.m. at Wilhelm Ltd. Caterers (formerly Friendly Farms), Route 140, Westminster.

The featured speaker is Steve Yoder, president of the American Soybean Association and a farmer from northern Florida. Yoder operates a 2,000-acre farm. His wife and their five children are actively involved in the farming operation. Yoder raises soybeans, wheat, corn and peanuts, and runs 100 dairy cows and a 300 head beef cow/calf operation. He also serves on the executive committee of the Florida Dairy Co-op.

Special music will be provided by Catherine Fair Hall. She is a familiar voice to FCF because she has provided special music for two of the previous outreach luncheons.

For ticket information, call Dave Sparks at (410) 239-8480 or Wilson Lippy at (410) 374-2975. Buffet luncheon tickets are $7.

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Mifflin Holstein Breeders Hold Annual Meeting

GAIL STROCK
Mifflin Co. Correspondent

ALLENSVILLE (Mifflin Co.) — The Mifflin County Holstein Club's annual dinner meeting, held January 28th at the Allensville Community Hall, began with a welcome by President Ed Glick, invocation by Josh Yoder, and dinner. A business meeting followed a slide show and talk by Jay Irwin.

John Rheam, Master of Ceremonies, introduced guests and then asked the nominating committee to conduct the election of directors.

Secretary/treasurer Keith Spicher read the 1992 Annual Meeting minutes and treasurer's report. Activities Director Sheldon Peachey announced a possible three-farm dairy tour this March.

Ken Raney of the PA Holstein Association mentioned that memberships were due now and that Mifflin County was one of 17 out of 50 clubs that reached goal last year. He complimented the Mifflin County Holstein Club on their successful sale this past summer, and urged members to keep the Spring Sale in State College on April 10 in mind. Raney said the 1995 National Holstein Convention and National Sale will take place in Pittsburgh and that breeders should "think genetically" about what they hope to have available at that time. According to Raney, the June issue of Profiles may feature Mifflin County farms and will be distributed at this year's National Convention in Rochester, NY.

State Director Darren Peachey urged members to renew their memberships this week and also mentioned the 1995 National Convention Sale.

Sale Director Glenn Peachey reported on Mifflin County's Summer Classic Sale. Forty-five head were sold for $81,000 with an average of $1,891/head. With only 10% commission and because of volunteer help, the Club saw a nice profit.

Show Committee Chairman Dave Spicher presented updated rules and regulations for the Mifflin County Open Dairy Show held in August during the Youth Fair. Mifflin County will proudly host the District 4-H Show at the Mifflin County Youth Park on September 4.

Darv Yoder asked Junior member Mike Kline to report on Junior activities. These included: Junior Judging School, Junior Holstein Convention, Mifflin County Youth Fair, 4-H District Show, State 4-H Show, District Championship Show, State Championship Show, a chicken bar-b-que, and the sale of 59 pounds of cheese.

Three awards were earned by Chad Renninger for Milk, Butterfat, and Protein. Mike Kline was honored for his Reserve Junior All PA and Premium checks from the Youth Fair went to Andy Reed, Shawn Yoder, Michele Yoder, Mike Kline, Matt Kline, Laura Peachey, and others.

Michael Yoder, son of Mr. and Mrs. Paul H. Yoder earned the county's Distinguished Junior Member Award. Other awards included the Top BAA (Bred Age Average) Award for Vern-Lee Farms owned by the Russell Kline family, and the Top Production DHIR Award went to Darren and Caryn Peachey.

Mike Ammon, Darv W. Yoder, and Dave Stuck were elected as County Directors. Junior Directors include Mike Kline, Mike Yoder, and Darren Peachey.

Guest speaker Jay Irwin, former Lancaster County Extension Agent, honored the group with slides of his six month pilot project assignment to Poland in June of 1991. Irwin said Poland, after 45 years under communist rule, was struggling with the freedom of decision-making that came with democracy. Under communism, decisions were made by the government.

A people hungry for information, Poland asked how the United States could strengthen their agriculture. The United State's answer was by sending our extension Specialists to Poland to strengthen their own programs. Five teams of two people each from across the US were chosen. Irwin and his

(Turn to Page A27)

Michael Yoder, left, received the Mifflin County Distinguished Junior Member Award, and Michael Kline was honored for his Reserve Junior All Pennsylvania showing.

Mike Ammon, Darv Yoder and Dave Stuck were elected directors of the Mifflin County Holstein Association. In the photo are Ammon, left, and Yoder.

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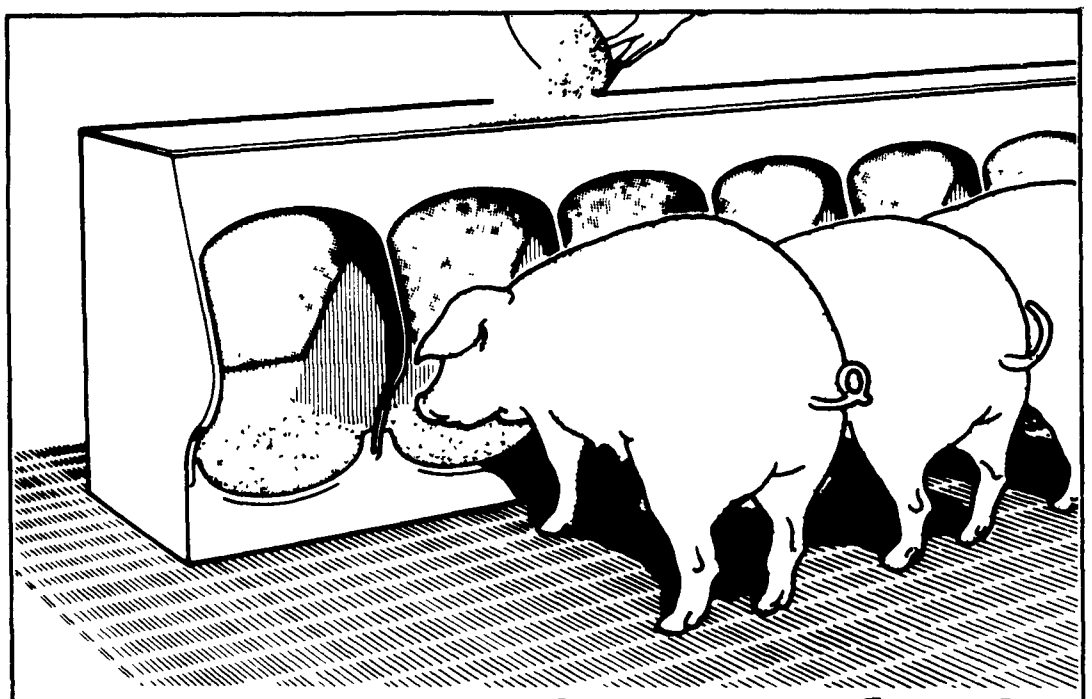

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For more information about these news items or the services of DHIA call 1-800-DHI-TEST. The call is free.

Solids Not Fat Started Feb. 1

Some Pennsylvania dairy producers are being paid for Solids-not-fat (SNF) in their milk. PA DHIA is now able to test individual cows or bulk tank samples for SNF.

Non-fat solids are made up of the protein, lactose, and mineral content of milk. Protein and lactose values can be determined by the use of standard infra-red equipment used by most present-day testing labs.

However, most commercial laboratories do not test individual farm samples for lactose.

The ash (mineral) content is usually estimated at 0.7 percent since the normal range is from 0.5 to 0.9 percent for most cows milk, said Lawrence Specht, PSU Extension specialist in an article published April 15, 1992.

The Pennsylvania DHIA milk testing lab is ready to offer this to all dairymen who select this laboratory option.

We began testing on Feb. 1, for those herd owners that were notified by their technician.

There is a place on the header page of the barn sheet where this option can be made. The results will appear on the Monthly Lactation Report, Cow Page, and Herd Summary II.

Solids not fat (SNF) is also referred to as NFMS, (non-fat-milk solids). If you are interested in enrolling your herd on this test or Somatic Cell testing PA DHIA is prepared to serve you.

You may choose from a wide variety of different testing programs. The unique part of PA DHIA Testing Lab is that we now offer choice, anything from the entire herd on any or all tests to you selecting what cows you want tested.

Our SAP Program is a laboratory test selecting butterfat, protein, SCC, SNF to butterfat and protein or just SCC.

If you have any questions about SNF test, or would like information on PA DHIA, please call us at 1-800-344-8378.

Somatic Cell Count Limit To Drop

SID BARDNARD
Food Science Specialist

Most dairymen have little difficulty meeting the maximum 1,000,000 somatic cell count (SCC) as now required.

Few will have any problem meeting the new maximum of 750,000 SCC per milliliter starting July 1, 1993.

This reduction was approved by the state regulatory delegates at the IMS conference in April and is expected to be approved by the Food and Drug Administration.

Between 10 percent and 15 percent of dairymen now produce milk with a SCC of 100,000 per milliliter or less. They get maximum potential milk production from their cows; use fewer antibiotics and dump less drug residue contaminated milk; and realize highest prices for their low SCC/higher protein content milk.

Herds with 1,000,000 or even 750,000 SCC per milliliter are dealing with mastitis, animal stress and reduced milk production of as much as six to eight pounds of milk per animal per day.

There is no public health concern about this milk following pasteurization. The primary concern is for dairymen who are not getting maximum production and thus have lower income from the sale of milk.

Any dairyman with SCCs above 100,000 per milliliter would realize greater income by reducing it. Those few with SCCs above 750,000 need to start to reduce their SCC.

Contact your approved inspector, DHIA supervisor, county extension agent, veterinarian, milking machine serviceman and dairy laboratory.

Learn about the corrective measures that are needed and start to take action.

You, the dairy farmer will receive the greatest benefit by reducing the SCC of your milk.

SCHEDULE OF EVENTS FOR PA DHIA

1993

Feb 16 Adams County Workshop, Oxford Township Bldg., 1:00PM
Feb 16 Adams County Workshop, Extension Office, 7:30PM
Feb 16 Crawford County DC305 Workshop, Extension Office 1:00PM - 3:00PM
Feb 16 Crawford County ARIS Workshop, Extension Office 7:30PM - 9:30PM
Feb 18 Indiana County ARIS Workshop, Extension Office 1:00 PM
Feb 18 Indiana County DC305 Workshop, Extension Office 7:00 PM
Feb 19 Franklin County ARIS Workshop, Extension Office 12:30PM - 3:00PM
Feb 22 Chester County Workshop, Russellville Grange, 12:30PM - 3:00PM
Feb 23 Berks County Workshop, Tulpehocken High School Ag Ctr., 12:30PM - 3:00PM
Feb 24 Bucks County Workshop, Neshaminy Manor Center, 12:30PM - 3:00PM
Feb 24 Chester County DC305 Workshop, New Bolton, 1:00PM - 3:00PM
Feb 24 Chester County ARIS Workshop, New Bolton, 7:00PM - 9:00PM
Feb 25 Berks/Montgomery Counties Workshop, Pleasantville Park Diner, 11:00AM - 2:30PM
Feb 25 Berks County Workshop, Kutztown High School Ag Center, 7.30PM - 10.00PM
Feb 25 Fulton County Workshop, Jolly Farmer Restaurant, 11:00AM - 2:00PM
Feb 26 Chester County Workshop, Honeybrook Grange, 12:30PM - 3:00PM

Mar 3 Montour County DC305 Workshop, Extension Office, 1:00PM - 3:00PM
Mar 3 Montour County ARIS Workshop, Extension Office, 7:30PM - 9:30PM
Mar 4 Centre County DC305 Workshop, Pleasant Gap Grange 1:00PM- 3:00PM
Mar 4 Centre County ARIS Workshop, Pleasant Gap Grange, 7:30PM - 9:30PM
Mar 11 Butler County ARIS Workshop, Extension Office, 1:00PM - 3:00PM
Mar 11 Butler County DC305 Workshop, Extension Office, 7:00PM
Mar 19 - 20 1993 Annual Meeting, Radisson Hotel, Monroeville, PA
(All members are invited to attend)*
Mar 19 - 20 PA DHIA State Board of Directors, Monroeville
(following the Annual Meeting)
Mar 25 Cumberland County DC305 Workshop, Extension Office, 1:00PM - 3:00PM
Mar 25 Cumberland County ARIS Workshop, Extension Office, 7:00PM - 9:00PM
Mar 25 Susquehanna County Workshop, Thompson Fire Hall, 10:00AM - 12:00PM
Mar 25 Susquehanna County Workshop, Clifford Baptist Church, 1:00PM - 3:00PM
Mar 26 Susquehanna County Workshop, Auburn Township Bldg., 10:00AM - 12:00PM
Mar 26 Susquehanna County Workshop, County Office Bldg., 1:00PM - 3:00PM

Apr 7 - 8 PA DHIA State Board of Directors, State College

July 7 - 8 PA DHIA State Board of Directors, State College

Oct 5 - 6 PA DHIA State Board of Directors, State College

Mifflin Holstein Breeders

(Continued from Page A26)

wife worked with Poland's Extension Specialists, developed 4-H programs for Youth Leadership, and answered questions on Cooperatives.

Irwin said the average farm in Poland contains five acres and produces $150/month. Seventy-five percent of the farms are privately owned with 25% state owned. Farmers plant crops similar to North Dakota - small grains and potatoes. Over half of the tractors are home-made, Irwin said, and no electricity exists for refrigerating milk.

Mrs. Irwin said visiting another country helps one to appreciate what we have here and encouraged all to go if an opportunity arises.

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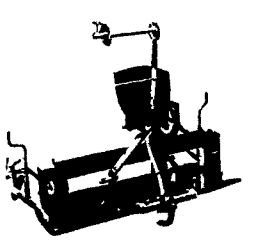

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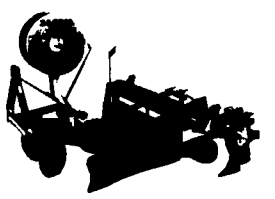

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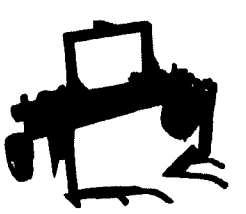

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Recipients of PYF's Outstanding Young Farmer Over 30 are Paul and Carla Witter, seated. Regional winners include, from left, Mary and Michael Hauck, Elizabeth and Noel Shlegel, Carol and Norman Croner, and Mim and Richard Brenneman.

PYF Recognizes Outstanding Farmers

(Continued from Page A1)

state winners.

Other regional winners eligible for the state title included Curvin and Darlene Miller who have a hog, steer, and dairy farm in Manheim; Robert and Kathy Waite, dairy farmers in Snyder County; and Jamie Mitchell, dairy farmer in region 5.

Outstanding Farmer Over 30

Paul and Carla Witter, Shippensburg, received the award for Outstanding Young Farmer over 30. The Witter's farm 260 acres located in Cumberland and Franklin counties. They milk 60 Holsteins, 5 Jerseys, and 2 Brown Swiss. Milk is shipped to the Maryland and Virginia Cooperative.

Witter, who rents land from his grandfather, said that minimum till is his main practice. Chisel plowing is done in the fall and wheat sown with a no till drill. Gleaner harvest is used.

The Witters have four cuttings of alfalfa with the first and fourth cutting used for haylage and the second and third used as dry hay.

Loose housing is used in the barn to reduce labor. Mastitus has been greatly reduced in the herd by using a teat spray treatment. Cows feed continuously at a whey feeder. The whey is a byproduct from a local cheese plant.

The Shippensburg couple are active in community events especially the local fair where they are in charge of Barnyard Olympics. They are hosting a second exchange student in their home, and are active members of Green Wood Hills Gospel Chapel. They have two daughters, Paula, 10, and Nancy, 7.

Witter said that he has had a lifetime involvement with PYF because ever since he was a little kid, he has been attending meetings with his grandfather. Witter will soon take office as president of the local PYF chapter. As members, the couple are extremely grateful for the help they receive from advisor Fred Dillner.

Other regional winners competing for the state title were Michael and Mary Hauck, dairy farmers in Mifflinburg; Noel and Elizabeth Schlegel, dairy farmers in Topton; Norman and Carol Croner; potato farmers in Berlin; and Richard and Mim Brenneman, dairy farmers in Quarryville.

Community Service Award

The state community service award went to Robert and Melinda Tercha who farm 500 acres in partnership with Robert's father. The Terchas have a grain drying operation, and raise hogs and Angus bulls. The Terchas have a conservation plan that they follow from the Agricultural Stablization and Conservation Service. The farm has been placed in a ag security area.

Melinda was named the 199 National Grange Outstanding Female Agriculturist and has won national awards for her photography. Robert is regional vice president and Melinda is reporter for the Kutztown PYF chapter. The Terchas are members of the United Church of Christ where Melinda is deacon, choir member, and active in the Ladies Aide Society. The couple also serve as youth directors.

Regional community service award winners included James and Barbara Brandt, dairy farmers in Somerset County, and Joe and Christine Heeter, beef farmers in Snyder County.

Larry Redding was selected as the PYFA honorary member. Redding teaches agricultural education in York County.

PYFA state officers include James Berry, president; A. Dale Herr, secretary; Jeff Rohrer, treasurer; Paul E. Zimmerman, Region II vice president; Robert Corman, Region III vice president; Fred Byers, Region IV vice president; Jim Stutzman, Region V vice president; Nelson Moyer, Region VII vice president; Duane Kling, past president; and Garry Maurer, public relations director.

Activities

During the three-day convention, more than 200 members attended educational workshops and toured East Penn Manufacturing Co., Inc.; F.M. Brown's Sons, Inc.; Dalton Biehl's extensive farm toy collection; Trace Pheasantry, Spayd's Greenhouse, and Bullinger's Mill.

Under 30 Outstanding Young Farmer award went to Stephanie and Mark Patches, seated. Regional winners include, from left, Jamie Mitchell, Robert and Kathy Waite, and Kervin and Darlene Miller.

PYF officers include Jeff Rohrer and James Berry, seated. Standing from left are Duane Kling, Paul E. Zimmerman, A. Dale Herr, Garry Maurer, Jim Stutzman, Fred Byers, Nelson Moyer, and Robert Corman.

Melinda and Robert Tercha, seated, are the state Community Service award winners. Regional winners include James and Barbara Brandt, left; and Christine and Joe Heeter.

Detweilers Conservation Cooperators Of The Year

CHALFONT (Bucks County) — Warren and Ray Detweiler were recently honored by the Bucks County Conservation District as this year's "Outstanding Conservation Cooperator."

The award was presented by John Thomas, district manager, as part of the Bucks-Mont Crops Day Program.

Thomas said, "It is appropriate that the Detweilers be recognized among their peers. Although one cooperator is singled out, the cooperator is really a symbol of all Bucks County farmers who have worked hard to protect our soil and water resources."

Warren and Ray Detweiler are a father and son team that operates one of the top dairy farms in the county. In 1989, they were honored as a "Dairy of Distinction." Recently, in 1992, they were accepted under Bucks County's Farmland Preservation Program. having decided to keep their farm perpetually in agriculture.

The Detweilers have always been good stewards of the land, but in 1976 they recognized they needed some additional help in improving their fields and developed a "Conservation Plan" with the USDA, Soil Conservation Service.

Since 1976, they have installed 10,835 feet of grass waterways, 14,260 feet of diversions and terraces, 4,276 feet of underground outlets and drains and five water control structures.

Many of these practices were installed on rented land for which they also developed conservation plans.

"We wouldn't have been able to afford to do all this work if it wouldn't have been for Ed Brzostek, district conservationist for Bucks County", said Ray. "He showed us how to build diversions and terraces with our moldboard plow. We only needed to pay for construction equipment on touch up and drainage work which allowed us to do more of each."

For 1993, the Detweilers plan on constructing a new manure holding facility to provide improved nutrient management and help save on fertilizer costs.

The Detweiler's farm more than 350 acres, milk 60 cows and raise 30 replacement stock. They also do custom harvesting for neighboring farms.

Ray's wife, Debbie, is a nurse at Doylestown Hospital, homemaker and she helps with lawn and garden chores.

Warren's wife, Ella, has helped with milking for many years and still does milking on occasion during busy planting and harvest seasons. Brother-in-law, Jeff Heacock also helps out, and daughter Mary Jane and her husband Edward help too, especially Ella and her gardening.

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NDB Offers Scholarships

ARLINGTON, Va. — Applications for the 1993 National Dairy Promotion and Research Board undergraduate scholarships are available to college students who will be in their junior or senior year in the fall.

Up to 20 scholarships will be awarded to junior and senior year college students. Winners receive a $1,500 scholarship check and a plaque.

Scholarship selection is based on academic performance; apparent commitment to a career in dairy science or technology, dairy marketing, or a food-related science with an emphasis in dairy products.

Applications are due April 1, 1993. For an application, contact dairy or food science college department heads, or write or call the National Dairy Board, attn. Beverly, 2111 Wilson Blvd., Suite 600, Arlington, VA 22201, (703)528-4800.

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State Council Adopts Policy

VERNON ACHENBACH, JR.
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — The Pennsylvania State Council of Farm Organizations held its annual meeting Monday at the Harrisburg Hilton to review and adopt policy on agricultural issues which affect its 69 member-associations.

The meeting is also planned to provide an opportunity for representatives of each organizations to meet face-to-face with state legislators to discuss those issues and policies: during the evening, a reception, called the Cornucopia, is held and all legislators are invited.

The date was changed this year to coincide with a legislative session day to maximize the attendence of legislators and to have policy more relevent to current legislative action.

The plan slightly backfired when the House of Representatives extended its session day through the evening to discuss the highly controversial student-grading program called Outcome Based Education (OBE).

More than 100 representatives who were expected to attend failed to make it to the two-hour reception.

However a number of state senators and some legislative aides, the sate Secretary of Agriculture and the heads of many of the agricultural organizations were able to talk informally about the issues important to them.

Farm Council President Ernie Miller addressed the crowd to tell them of the situation at the House and also to remind attendees that though many of the legislators were unable to attend, the function was not without merit.

"I hope we don't lose sight of the purpose of the organization," he said, adding that sometimes life doesn't always go the way it is planned.

On the upside, Monday's reception was also a first for the Pennsylvania Wine Growers' Association to display their ware's, having several tables set up for tasting of the state-produced products.

Miller, finishing his last year as president, also thanked the wine industry people for their support and recognized a number of organizations that donated food for the occassion. To help legislators remember what types of agricultural products are produced in Pennsylvania, the council puts together food baskets with the donated items, which is the reason for the name, Cornucopia.

In other business, the organization adopted some changes to policy during its meeting held earlier in the day.

The council adopted two new resolutions for state policy to bring it up to a total of 46 resolutions held by the council. There were also two changes made to existing resolutions.

The new state resolutions concern county tax structure and farm vehicles.

Changes which the organizations would like to see in county tax structure would give individual counties the flexibility to choose from a variety of sources for taxing.

With farm vehicles, the council would like to extend to 25 miles from the farm, the distance traveled by farm vehicles that are exempt from registration; to 50 miles when the vehicle is in need of repairs; and to exempt from registration any trailer that is pulled by a registration-exempt vehicle.

Changes to the wording in the existing state resolutions affect its policy for a nutrient management program by requesting that Penn State University develop a "training" program for nutrient management technicians. Prior wording was for a "certification" program. The policy nows better reflects wording included in the amended H.B.100 which passed the House last week and is in the Senate for consideration.

Another state resolution with a word change concerns animal care. Instead of referring to animal "welfare," the council now refers to animal "rights."

The council's policy is basically to stress edcuation on accepted animal husbandry practices; to oppose any law or regulation which would hinder proper husbandry practices; to urge the state Department of Agriculture to conduct research to see if stress affects animal health and to not publish unproven findings; to not allow public funds to be used to further the animals rights cause; and to ensure that public education on animal rights, if it is to happen, must include an explanation of accepted husbandry techniques and the value to the general public.

Customer Appreciation Days Held In Lebanon

Automatic Farm Systems and Cedar Crest Equipment combined resources this week for a customer appreciation open house held at the Lebanon Fairgrounds. Company representatives met with farmers to review equipment and answer questions. The open house was held Tuesday and Wednesday and about 400 people were present for lunch. In the photo the lunch line forms in the new facilities at the fairgrounds.

Farm Forum

(Continued from Page A10)

these emerging countries, in this case Hungary, where it would then be processed into Goya cheese and sent duty-free into the US.

In addition, American corporations could go to the emerging countries and operate the same way. It will not serve the people of the third world.

The Goya cheese from Hungary is produced by a corporation from the Netherlands. They already control 75 percent of the Goya cheese market. Now they want the U.S. market.

Generalized System of Preference is in need of restructuring. Women Involved in Farm Economics (WIFE) and the National Milk and The Dairy Trade Coalition were able to stop Hungary from dumping Goya cheese in the US.

However, this situation requires constant monitoring by every dairy organization in the country. It requires unity in policy and an unwavering stand by the U.S. dairy industry.

WIFE, National Milk and The DTC cannot do it alone. One hole in the bucket and the imported products will be here.

We will very closely monitor NAFTA and GATT and will call for action as it is needed.

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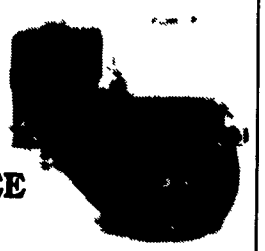

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Farm Calendar

(Continued from Page A10)

ant, Summerhill, 7:30 p.m.
ABC Dist. 15, Mercer Ext. Office, 11:45 a.m.
ABC Dist. 16, East Crawford, Centerville U. Meth. Church, 7:30 p.m.
Warwick Young Farmers, Pa. Landowners Assoc., Warwick H.S., 7:30 p.m.

Tuesday, February 16

Ag Information Series, Producing Quality Corn Silage and Troubleshooting Corn Production Problems, Unilec Building, DuBois, 7:30 p.m.-9:30 p.m.
Franklin Co. Fruit Growers annual meeting, Edenville Community Center, 8:30 a.m.-3:30 p.m.
DHIA Records Workshop, Adams County extension office, Gettysburg, 7:30 p.m.
New York State Dairy Princess Coronation, Sheraton Inn, Syracuse, N.Y., 9:30 a.m.-6:30 p.m.
Mid-Winter Educational meeting for Harford Co., Bel Air United Methodist Church, Bel Air, Md., 8:30 a.m.
Cecil Co. Dairy Day, Calvert Grange Hall, 9:30 a.m.-2 p.m.
ABC Dist. 2, Chester-Delaware, West Fallowfield Christian School, 7 p.m.
ABC Dist. 4, Northern Lancaster (Central), Harvest Drive Restaurant, noon.
ABC Dist. 8, Mifflin, Country Village Rest., Allensville, noon.
ABC Dist. 9, Northern Blair-Northern Huntingdon-Centre, Warriors Mark Fire Hall, 7:15 p.m.
ABC Dist. 10, Somerset, Community Building, Berlin, 7 p.m.
ABC Dist. 11, Alwine Civic Center, Greensburg, 10:30 a.m.
ABC Dist. 12, The Omni, Indiana, 7:30 p.m.
ABC Dist. 14, Garden Gate Rest., 10:30 a.m.
Westmoreland Co. Dairy Day, Alwine Civic Center, 10:30 a.m.

Wednesday, February 17

Keystone Pork Congress, Penn Harris Inn, Camp Hill.
Pennsylvania's 17th Performance Tested Boar Sale, Keystone Pork Congress, Penn Harris Convention Center, Camp Hill.
ABC Dist. 11, Washington-Greene, Ramada Inn, Washington, 10:30 a.m.
ABC Dist. 12, Clearfield Friends Church, Grampian, noon.
ABC Dist. 13, Kittanning Twp. Fire Hall, 10:30 a.m.
Forest Landowners Taxation Workshop, Dauphin Co. Ag Center, 7 p.m.-9 p.m.
Erie Co. Ag Day, Edinboro Fire Hall, 10 a.m.-2:30 p.m.

Thursday, February 18

Mid-Atlantic Direct Marketing Conference and Trade Show, Lancaster Host Resort, thru Feb. 20.
Pa. Holstein Convention, Ramada Inn, Wilkes-Barre, sale 7 p.m., thru Feb. 20.
Dairy-MAP, Lighthouse Restaurant, Chambersburg, 9:45 a.m.-3 p.m.
Penn Manor Adult Education Program, dairy health and management, Penn Manor H.S., 6:30 p.m.
ABC Dist. 3, Lebanon, Dauphin-western Berks, Mount Zion Fire Hall, 7 p.m.
ABC Dist. 3, northern Dauphin-Northumberland, Camp Hebron, 7 p.m.
Centre Co. Extension meeting, Mt. Nittany U. Methodist Church, 7 p.m.

Friday, February 19

Pa. Holstein Association annual meeting, Ramada Inn, Wilkes-Barre, 12:30 p.m.
Delmarva Dairy Day, Hartly Fire Hall, Hartly, Del., 10 a.m.-3 p.m.
Jefferson Co. pesticide exam, Service Center, Brookville, 7 p.m.

Saturday, February 20
National FFA Week

Septic System Management and Well Protection Workshop, Penn State Fruit Research Laboratory, Biglerville, 9 a.m.-noon.
Penn State Ag and Bio Engineering Open House
National FFA Week, thru Feb. 27.

Sunday, February 21
National FFA Week

Game Bird Production and Management of Shooting Preserves, Days Inn, Penn State, State College, thru Feb. 23.
NCGA Corn Classic, San Antonio, Texas, thru Feb. 23.

Monday, February 22
National FFA Week

Pesticide update meeting, Milford Square.
Dairy-MAP, Somerset County Area Vocational Technical School, continues March 1 and 8.
Planning Your Dairy for the Next Century, Adams Extension Office, 10 a.m.-2:30 p.m.
Cumberland Cooperative Wool Growers meeting, South Middleton Twp. Fire Hall, 7 p.m.
Lebanon/Dauphin Crops Day, Lebanon Valley Expo Center Fairgrounds, 9 a.m.-3 p.m.
Clinton Co. swine production meeting, Willowbank Bldg., Bellefonte, 7:30 p.m.

Tuesday, February 23
National FFA Week

Lancaster County Dairy Days, Part I, Farm and Home Center, 9 a.m.-2:30 p.m., continues March 2.
Annual Interiorscape Conference, Longwood Gardens, Kennett Square.
Silage Production from Seed to Animal National Conference, Syracuse, N.Y., thru Feb. 25.
Pesticide meeting, Neshaminy Manor Center, Doylestown, 7:15 p.m.-9:30 p.m., and March 2.
Small and Part-Time Farmer Workshop, Recreation Community Center, Titusville.
Franklin Co. Vegetable Growers meeting, Penn State Fruit Research Lab, Biglerville, 9 a.m.-3 p.m.
Dairy-MAP, Corry Higher Educational Council Building, Corry, continues March 2 and 9.
Tulpehocken H.S. DHIA workshop, 1 p.m.-3 p.m.
Pork producers meeting on modern biotechnology, Ephrata H.S. Ag Dept., 7:30 p.m.
Western Pa. Turf Conference and Trade Show, Radisson Hotel and Expo Mart, Monroeville, thru Feb. 25.
Westmoreland Co. Hay Auction, Fairgrounds, 11 a.m.
Winter Tree Fruit Growers meeting, Days Inn, Shamokin Dam, 9 a.m.-3:30 p.m.

Wednesday, February 24
Ash Wednesday
National FFA Week

Dairy MAP, New Wilmington, continues March 3 and 10.
Lebanon Dairy Day, Prescott Fire Hall, 9 a.m.-3 p.m.
On-Farm Composting Field Day, farm of Jodi and Ron Snyder, Port Clinton.
DHIA Workshop, Neshaminy Manor Center, 12:30 p.m.-3:30 p.m.

Thursday, February 25
National FFA Week

New York Farm Show, New York State Fairgrounds, Syracuse, N.Y., thru Feb. 27.
Grounds Maintenance Seminar, Kutztown Grange Hall, Kutztown.
Crop Production Satellite Seminar, pest management, contact your local extension office.
Dairy-MAP, Sandy Kayes Restaurant, Shelocta, continues March 4 and 11.
Pest Management in Grain and Forage Crops Seminar, Williamsport H.S., 6:30 p.m.-9 p.m.

Friday, February 26
National FFA Week

Centre/Clinton Dairy Day, Logan Grange Hall, Pleasant Gap, 9:30 a.m.-3 p.m.
Dairy-MAP, Rostraver Grange, Belle Vernon, continues March 5 and 12.
York Co. Dairy Day, Shrewsbury Fire Hall, 10 a.m.-3 p.m.
Grain Crop Production Workshop, Montgomery County 4-H Center, Creamery, 9 a.m.-3 p.m., and March 4.

Saturday, February 27
National FFA Week

Animal Science Day, Seneca Highlands Vocational Technical Center, Port Allegany, 9 a.m.
Regional Christmas Tree Growers Meeting and Trade Show, Mountain Laurel Resort, White Haven, 8 a.m.-3:30 p.m.
Farm Accident Rescue Demo, Punxsutawney Central Fire Hall and Londondale Farm, 9:30 a.m.

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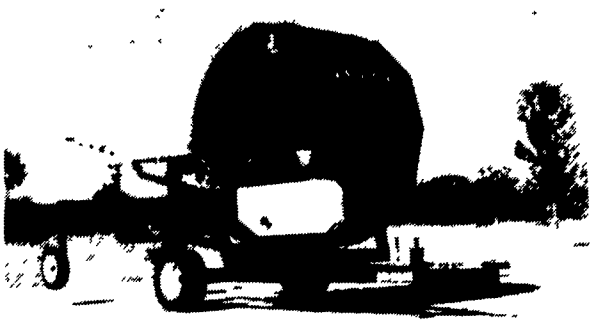

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5"x20'	1.85 per ft. = 74.00 section	1.95 per ft. = 78.00 section	1.95 per ft. = 78.00 section
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Junior Holstein Youth Recognized

From the left, William Nichol, executive director of the Pennsylvania Holstein Association, presents $500 scholarships to Kara Tussey, Belmer Hitchcock, Tim Ludwick and Miriam Kelly.

(Continued from Page A1)

book, but without the written comments on the future of agriculture — that was covered during their interview by the judges.

The other intermediate finalists were Dianne Glock, of Mifflin; Dan Geissinger, Gordonville; Thomas Herr, Christiana; and Angela Werley, of Hamburg.

In the junior-age division, David Day, son of Curtis and Ann Day, Shippensburg, and Daphne Doll, daughter of Dale and Darla Doll, of Glen Rock.

The junior-age division competition was based on a scrapbook which listed acticities and involvement in Holstein work, school and community activities and leadership positions.

Other finalists were Denise Bollinger, Manheim; Adam Dean, New Castle; Lynette Heffner, of Kutztown;p and Christopher Vanco, of Bear Lake.

In the Junior Holstein Dairy Bowl Contest, a team from Cumberland County went undefeated to with the junior-age title, while a team from Perry County made a comeback during the double-elimination contest to beat out a Franklin County team for the senior-age title.

There were 38 teams from across the state represented in the contest, with 19 competing in the junior-age division and 19 in the senior-age division.

The junior-age division Cumberland County team winners were Matthew Day, David Day, Heath Ocker and John Leib Jr. Ann Day was coach. To take the win they had to defeat a Washington County team which consisted of Jonathan McMurray, Jennifer Scott, Jeremy Ivcic, and Adam Murray. Payy McMurray was coach.

In the senior division, the winning team members were Marel Raub, Liza Haas, Colleen Kretzing, and Jenny Hummel. Logan Bower was coach. The runner-up Franklin County team members were Donald Harwood, Beth Meyers, Joel Mills and Christopher Reichard, with coach Donna Harwood.

Both winning teams are to represent Pennsylvania during the national Holstein convention in June.

Four Pennsylvania Junior Holstein Achievement Scholarships of $500 each were awarded to youth based on their work with Holsteins, community involvement, school activities and leadership abilities.

Nichol Bozlinski receives an award for having a bred and owned and Excellent registered Holstein cow.

Receiving scholarships were Timothy Ludwick, son of Micky and Patty Ludwick, Sugar Grove, who is a student at Virginia Tech; Miriam Kelly, daughter of Tom and Peg Kelly, Tyrone, Virginia Tech; Belmer Hitchcock, son of Willard and Becky Hitchcock, Russell, a student at SUNY, in Morrissville, N.Y.; and Kara Tussey, daughter of Raymond and Susan Tussey, Huntingdon, who is a Penn State student.

William Nichol, state Holstein Association executive director, presented the awards during the awards breakfast.

Each of the recipients has demonstrated outstanding accomplishments in their fields of work and study. The scholarships come from monies donated to a fund set up through Pennsylvania Holstein Association.

"The Pennsylvania Holstein Association is proud to recognize the achievements of our Junior members and hope for their continued success in the future," said Kenneth Raney, state Holstein Association director of member services.

Also presented during the convention awards event were the 1992 Junior All-Pennsylvania show awards. There are fifteen classes recognized in the Junior contest, which is a picture and placing contest with three judges evaluating and placing each class.

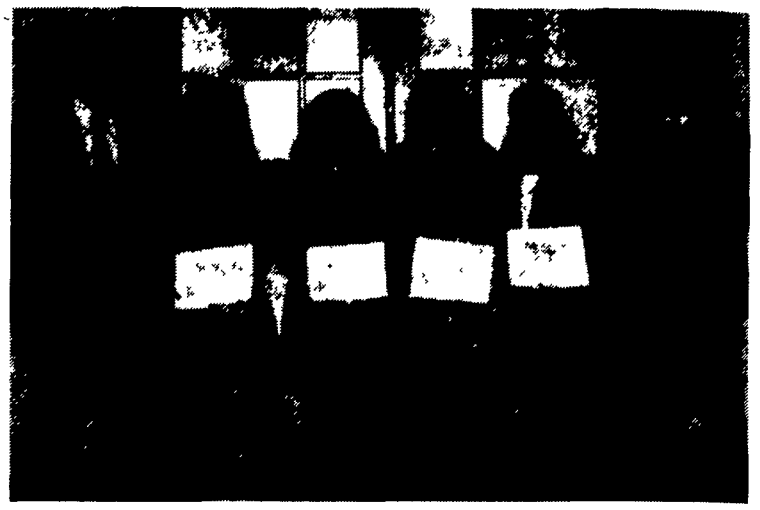
John Foster III, of Petersburg, received two awards and once reserve award. Justin Burdette, Mercersburg, also had two All-Pennsylvania winners. Thirty-seven other members received recognition in the contest. There were 68 entries.

Recognition was also made of the 281 members who submitted entries into the annual production contest. The contest separately recognizes leading member-cow production in three areas; milk, fat and protein. Each area of production recognizes four cow-age classes.

In milk production, the top 2-year-old cow was Harwood Icy Kris, owned by Damon Harwood, with a record of 26,919 pounds milk, 1,037 pounds of fat and 808 pounds of protein.

In the 3-year-old class Jeremy Braund's Braund-Valley Pete Babs made 30,057 pounds of milk, 1,111 pounds of fat, and 963 pounds of protein.

(Turn to Page A36)



These senior-age division winners of the Pennsylvania Jr. Holstein Association Dairy Bowl are from Perry County. From the left are coach Logan Bower, Colleen Kretzing, Jennifer Hummel, Liza Haas, Marie Raub. Also pictured is Daniel Hughes, with Pfizer Animal Health Division, the contest sponsor.

From the left, intermediate-age Distiguished Junior Member finalists are Dan Geissinger, Thomas Herr, winners Wade Sturgeon and Elizabeth Walton, and Angela Werley, and Dianne Glock.

The winners of the junior-age division of the Distinguished Junior Member contest, David Day and Daphne Doll, close their eyes in reaction to the camera flash, while other finalists stand with them. The other finalists are, from the left, Christopher Vanco, Lynnette Heffner, Denise Bollinger, and Adam Dean.

From the left, the finalists in the senior-age division of the Distinguished Member Award competition are, from the left, Tim Ludwick, Scott Youse, winners Duane Nolt and Miriam Kelly, and Kara Tussey and Jessiyn Oberholtzer.

From the left, Paula Wack, who is junior advisor, stands with Jeremy Braund, David Kocher, Jill Clites, Brad Walker and Greg Davis, all of whom own Junior All-Pennsylvania 2-year-old Holsteins.

NDB, Other Promotion Groups Increase Cooperation

DALLAS, Texas — "The new fluid milk campaign with UDIA and others has helped increase coordination and cooperation between National Dairy Board and other farmer-funded groups working to increase demand for U.S. milk," said Jim Loper, New Mexico dairy farmer and chair of the National Dairy Promotion and Research Board.

"Many of these coordinated activities also help leverage checkoff dollars," Loper said.

During its Jan. 19-21 meeting in Dallas, National Dairy Board members voted to extend export promotions of U.S. dairy products beyond current efforts in Japan and Mexico. With funding from the dairy checkoff and USDA's Foreign Agricultural Service, the National Dairy Board will begin promotions in Hong Kong and the Caribbean.

"We'll also get some help in Hong Kong and the Caribbean from the Wisconsin Department of Agriculture, Trade & Consumer Protection (WDATCP)," said Steve Hofman, California dairyman and chair of the National Dairy Board's Export Committee. "Our Wisconsin partners will assist by organizing activities in Hong Kong. They also helped organize the spring 1992 cheese sales mission in Asia."

National Dairy Board plans are to exhibit at HOFEX, an annual hotel and food service trade fair, in a bid to increase the number of U.S. dairy product suppliers in Hong Kong.

The retail dairy foods market in Hong Kong is difficult to break into and tourism in Hong Kong makes hotels and restaurants a good place to begin expansion. The National Dairy Board's exhibit will feature taste samples of U.S. cheese and ice cream as well as literature about U.S. dairy foods.

Tourism is the backbone of the Caribbean economy, so National Dairy Board activities there will target hotel and resort managers. The Foreign Ag Service will provide some funding and the WDATCP will provide staff time to leverage the National Dairy Board's resources.

"Export promotion is just the beginning of industry coordination," said Bill Underwood, New York dairy farmer and chair of the National Dairy Board Advertising Committee. "The adult fluid campaign, spring cheese and summer ice cream promotions bring promoters together in the U.S."

Underwood reported that the new fluid campaign joining the National Dairy Board, UDIA and other states and regions is slated to begin in mid-February, airing on primetime and network news programs. Two 30-second commercials highlighting the fact that drinking milk makes people feel good about themselves are being created.

To stimulate additional purchase and use of cheese this spring, the 36 dairy farmers serving on the National Dairy Board approved funding up to $1.2 million for a cheeseburger promotion, timed to kickoff the grilling season.

While ADA and the Beef Industry Council have been partnering this promotion for the past two years, the National Dairy Board will join them to provide additional support. The $7.1 million promotion will run May 10-30 with the theme "Going places with double Cheeseburger Days." The promotion will include a 15-second TV commercial, local radio, a consumer sweepstakes, instant winner games with coupons for beef and cheese, in-store promotion materials for the dairy, meat and deli cases, a trade contest and a post-promotion evaluation.

National Dairy Board members voted to join UDIA and Hershey in another summer ice cream and toppings promotion. The promotion will run through July and August.

A coupon will be distributed nationally which will allow consumers to get a free half-gallon of ice cream by purchasing two Hershey toppings and a half-gallon of ice cream.

The promotion will include national TV advertising announcing the promotion, local radio advertising, a newspaper insert, and in-store coupons and displays.

"We are all concerned with the potential erosion of consumer confidence in milk and dairy foods," said Vicki Coughlin, Wisconsin dairy farmer and chair of the Board's Public Relations committee. The Milk Industry Foundation, comprised of milk processors, National Dairy Board, NMPF and UDIA will develop and implement a year long plan for educating the public and media about the nutrition and safety of milk and dairy foods.

In dairy foods research, National Dairy Board members approved two policy changes relating to the six Dairy Foods Research Centers funded across the country.

One policy change will increase National Dairy Board members involvement in planning research direction at the Centers. The second revision cuts administrative detail and paperwork at the Centers so that more money is put to research while ensuring continued support from universities.

The universities housing Dairy Foods Research Centers must provide an administrator for each center, staff time and all "overhead" expenses like electricity, heat, etc. Centers also receive funding from industry, and state and regional promotion groups.

In other National Dairy Board action:

- Two 15-second cheddar cheese commercials were approved to replace previous commercials. The new commercials, which begin airing in February, show how cheddar cheese can dress up salads and give new life to leftovers;
- Revisions to a policy for developing a new dairy product markets with individual companies were approved. All such activity is limited to 2 percent of the National Dairy Board's total budget. Also, partner companies must match every National Dairy Board dollar with at least three of their own for the specific market development activity funded;
- The Board voted to work with a broad coalition of animal farming groups to hold meetings across the country to discuss animal care. The meetings, which will include representatives from animal welfare groups as well as farm groups and vets, will be used to develop animal handling and care guidelines for expansion of the Milk and Dairy Beef Quality Assurance program; and
- Approved continued funding of the National Dairy Board's Dairy Research Institute for Genetics and Nutrition. Institute researchers have already discovered a human gene that contributes to risk of heart disease. They have found that approximately 15% of the population appears to have the gene, and benefits by reducing the fat content of their diet, while the remainder of the population either does not benefit or is put at an increased risk of cardiovascular disease by consuming a low fat diet. Researchers will try to develop a method for easy identification of individuals who need special diets so that the other majority of the population that does not benefit or is put at a greater risk with diet restriction, can eat a wide range of dairy products.

The National Dairy Promotion and Research Board, consisting of 36 dairy farmers from across the U.S., develops and implements a coordinated effort of promotion, research and nutrition communications to strengthen the dairy industry's image in the marketplace. This effort is financed by America's dairy farmers.

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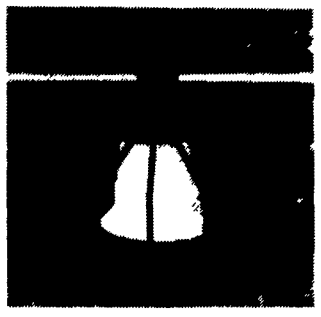

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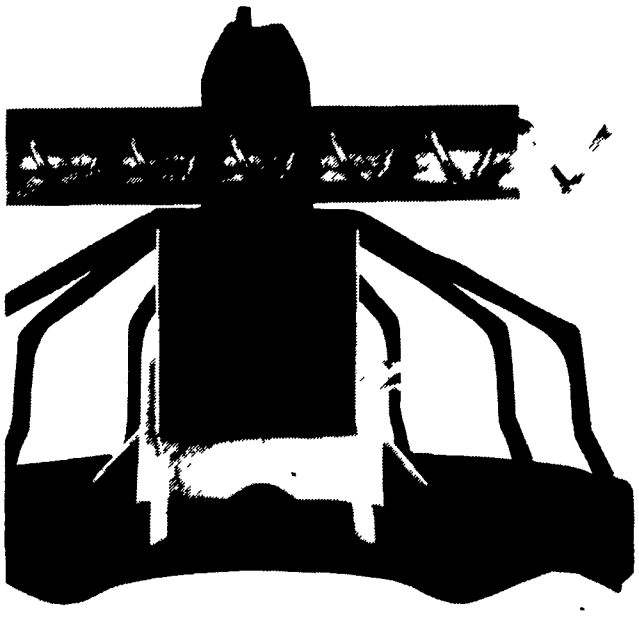

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Food, Awards, Election Highlight Lancaster Extension Meeting

LOU ANN GOOD
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — Food, awards, and elections dominated Lancaster County Cooperative Extension's 80th meeting on Thursday night.

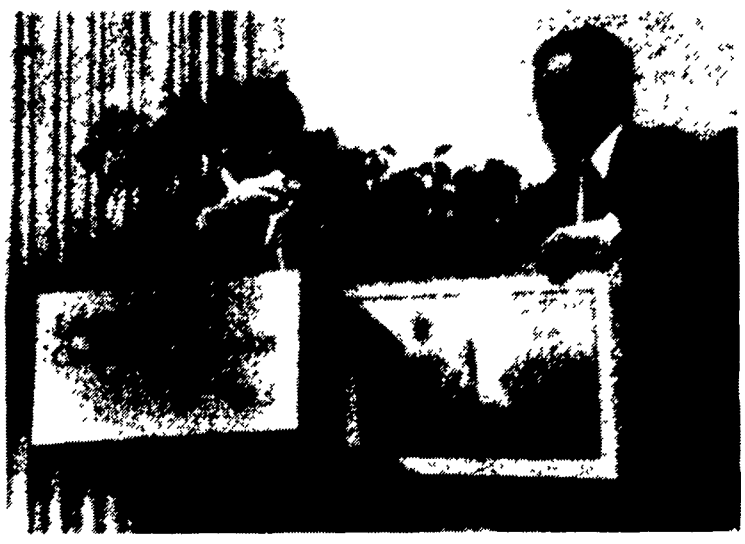
The counties agricultural industry served a buffet of locally produced foods before Dr. John Schwartz, extension director, recapped the extension's services of this past year.

Extension services are far-reaching with 72,000 persons attending the 3,000 educational meetings offered. These included instruction on poultry, dairy, livestock, financial analysis, business agreements, estate planning, farm leases, horticultural, greenhouses, nutrition, water issues, day care, parenting, and homeowners assistance.

Sixteen more 4-H clubs were held this year than in previous years. The 150 clubs involved 3,764 4-H'ers and 701 volunteers.

More than 121,500 newsletters were mailed and 29,590 persons

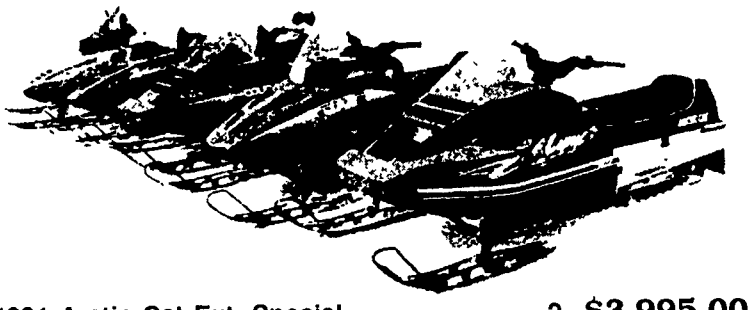
(Turn to Page A39)



Lamonte Garber, left, of the Chesapeake Bay Foundation gives a picture of the skipjack on which Leon Ressler, extension agent, and farmers sailed to examine the demise of the bay.

Michelle Rodgers, regional assistant director, recognizes Chet Hughes, livestock agent, for his 10 years of service.

SNOW FRENZY SALE
USED SNOWMOBILES



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1987 Arctic Cat El Tigre 6000		$2,795.00
1987 Arctic Cat Cougar	2	$2,195.00
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NORTHRUP KING

Good Forage Values Evident In Feed For Top-Producing Cows

LANCASTER (Lancaster Co.) — It has been known for some time that the more you give a cow to eat, the more milk it can produce.

But dairy farmers should be aware that the quality of forage fed will greatly contribute to production. That quality has to come in the form of high relative feed value on the forage analysis.

Dr. Tim Snyder, professional animal scientist with Pennfield, spoke to about 100 Pennfield customers and their families at the awards and recognition banquet Wednesday. His talk spoke about setting up the right feeding program for your herd. Snyder introduced a new feed to help improve production while helping to fight "droopy cow syndrome" (also known as subclinical milk fever).

Milk fever can be caused by too much potassium levels (often brought upon by crop fertility programs) in the feed.

By controlling potassium levels, according to Snyder, dairy farmers can keep their cows healthy and free of the syndrome.

One way to fight droopy cow syndrome is through a counterbalance by feeding a diet high in anions (negatively charged elements), available through a special Pennfield feed, the 55500 dry/fresh transition feed. The three weeks prior to freshening is stressful for the cow. Cows in transition from drying to freshening are fed 6 to 8 pounds per head for three weeks pre-fresh.

Snyder outlined the "road map" for nutrient levels for the top herds. The map should be used to develop good rations, he said. Look to your salesman to help fine-tune the feeding program, he told the Pennfield customers.

Feed for a milking cow will depend on how much production is needed. The top seven or eight herds in Pennfield's President Club program, milking 25,000 pounds or more per individual lactation, include a forage NDF that averages to about 22 (the "chewing effect," which relates to how much the cow will finally consume).

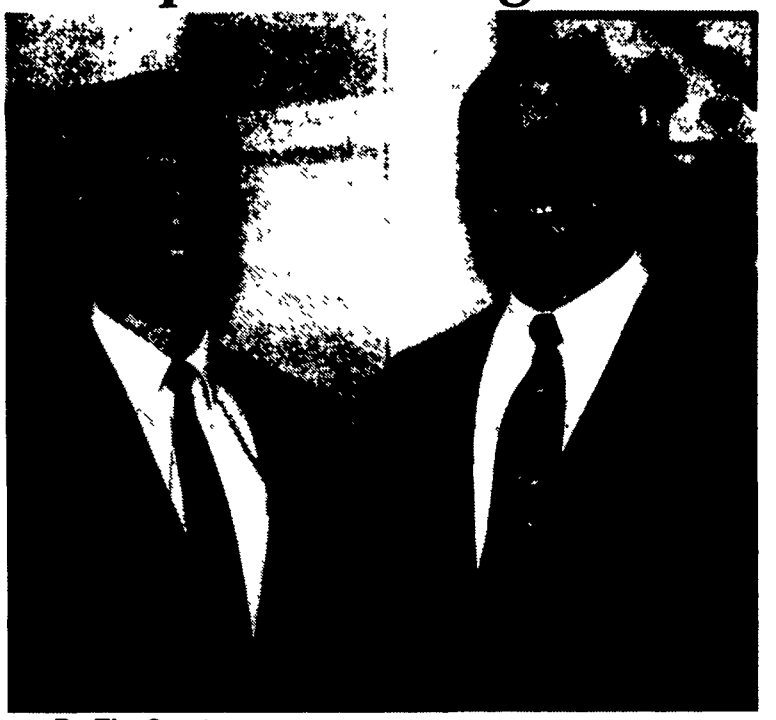
It is important is to keep feed in front of the cows at all time. Also, relative feed value (RFV) on a forage analysis in the end is more important than total protein. (An RFV of greater than 151 is desirable for prime forage for top-producing cows.)

Snyder outlined Pennfield's ongoing Quality Pledge and their quality assurance programs to maintain the highest quality of feed.

Dr. Normand St-Pierre, professional animal scientist, spoke about the manufacture and use of various types of bypass protein, critical to bolster milk and milk protein levels. St-Pierre spoke about obtaining the best quality bypass protein to ensure palatability, digestability, and balance for the cows.

Handling and overall management of bypass protein is critical for a feed program. Bypass protein is sensitive to heat.

Dairy farmers should seek help from various sources in choosing the best type of bypass protein. He told those at the banquet to get help from a nutritionist, or consult the feed salesman "or someone who has delivered results for you on your farm."



Dr. Tim Snyder, right, and Dr. Normand St-Pierre, professional animal scientists with Pennfield, spoke to about 100 Pennfield customers and their families at the awards and recognition banquet Wednesday.

Maryland Grange Opposes Merger

MT. AIRY, Md. — A new bill is being introduced during the 1993 Session of the Maryland General Assembly that would abolish the Department of Agriculture and the Department of Natural Resources and combine their programs in a new Department of Land and Water Resources, which would become effective July 1, 1994.

The Maryland State Grange is in opposition to such a merger.

According to the State Master—Maurice L. Wiles, "It is our belief that the Department of Agriculture was founded on the principle of service to agriculture. We are concerned that any such merger would, in effect, reduce services to agriculture and take away the voice of those it was intended to serve, the farmers."

If this bill is passed, it will abolish the Departments of Agriculture and Natural Resources, require a comprehensive plan to consolidate the functions, staff and units currently under the two departments, and require a 20 percent reduction in the funds budgeted for fiscal 1994 for the two agencies.

This will result in the elimination of staff and programs. The idea of combining both agencies has been rejected by the governor.

The Grange is encouraging a letter writing campaign to the Speaker of the House, President of the Senate, Chairman of the Environmental Matters Committee and members of the Committee in opposition of this move.

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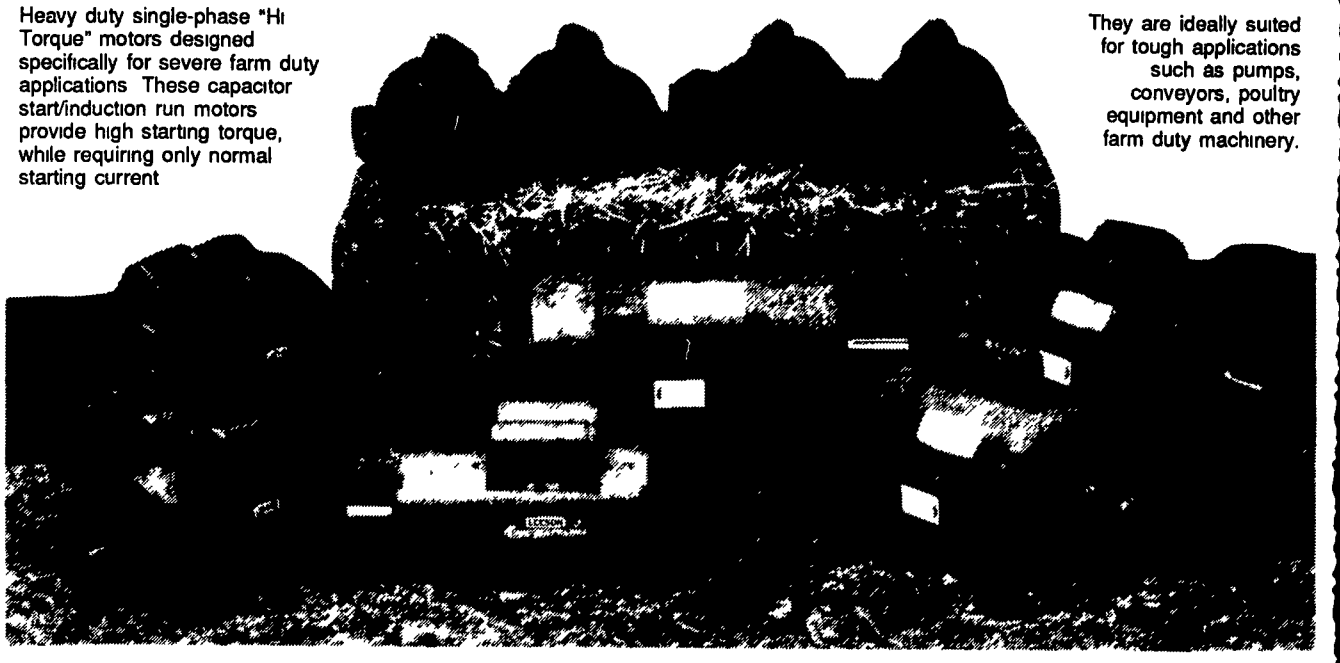

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$ 80	1/2	1725	C56	5/8	115/208-230	110086
$ 95	3/4	1725	D56	5/8	115/208-230	110087
$105	1	1725	E56	5/8	115/208-230	110088
$130	1½	1725	H56H	5/8	115/230	110089
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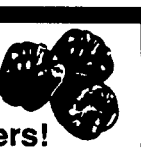

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Junior Holstein Youth Recognized

(Continued from Page A32)

Among the 4-year-old cows, Jennifer Shultz's Miss Seneca-V GE Rene-ET made 36,504 pounds of milk, 1,318 pounds of fat and 1,075 pounds of protein.

In the aged cow class, Damon Harwood's harwood Joe Hope, a 5-year-old, made 32,777 pounds of milk, with 1,185 pounds of fat and 1,001 pounds of protein.

Ranking by protein, Larry Duffy's 2-year-old BJ-Line Mark Hotshot made 867 pounds protein, 26,280 pounds of milk and 724 pounds of fat.

Paul Will's 3-year-old Willsholm Mandingo Emerald lead her age class with 972 pounds of protein from 29,597 pounds of milk and 976 pounds of fat.

Among the 4-year-old entries, Shultz's Miss Seneca also topped the protein producers.

Braund also took a second first place with the production of his aged cow, Braund-Valley Bova Bonnie, a 6-year-old which made 1,027 pound of protein while making 30,888 pounds of milk and 1,256 pounds of fat.

In the production of fat, Jill Sheeley's 2-year-old Braund-Valley Count Kaylene made 1,059 pounds of fat, 23,166 pounds of milk and 758 pounds of protein.

Among the 3-year-old cows, Jeremy Braund's Braund-Valley Starbuck Babe made 1,319 pounds of fat, 26,130 pounds of milk and 923 pounds of protein.

In the 4-year-old class of fat producers, Shultz's Rene-ET again swept the class.

In the aged cow class for fat production, John Foster III's Globe-Run Sexy Darlene, an 8-year-old, was top cow with 1,339 pounds of fat, 31,706 pounds of milk, and 996 pounds of protein.

All-in-all, there were 97 production records entered for 2-year-olds; 68 3-year-olds; 65 4-year-olds; and 51 aged cow entries.

In other awards, the Junior Holstein Association recognized Nichol Bozlinski, of Wampum, and Matthew Day, for developing herds of registered Holstein cattle and earning the Junior Progressive Breeder Award.

Both youth bred and developed at least three cows that met strict criteria based on a 305-day lactation. As 2-year-olds, the bred and owned cows must make 18,000 pounds of milk, and 650 pounds of fat and also classify a minimum of 81 points; 3-year-olds, 20,500 pounds milk, 725 pounds fat, and classify 83 points; 4-year-olds, 21,900 pounds of milk, 800 pounds fat, and classify 85 points; aged cows, 22,500 pounds milk, 830 pounds fat and be classified at least 87 points.

Nichol's animals included Phil-Cind Carlin-M Cassandra, Excellent-90, 6-years, 3-months old, 283-day lactation, 31,930 pounds milk, 1,033 pounds fat; Phil-Cind Insired Pizzaz, VG-86, 2-6, 305 days, 22,458 pounds milk, 827 pounds fat; and Phil-Cind Beau Angelleah-ET, GP-82, 2 years, 305 days, 19,544 pounds of milk, and 693 pounds of fat.

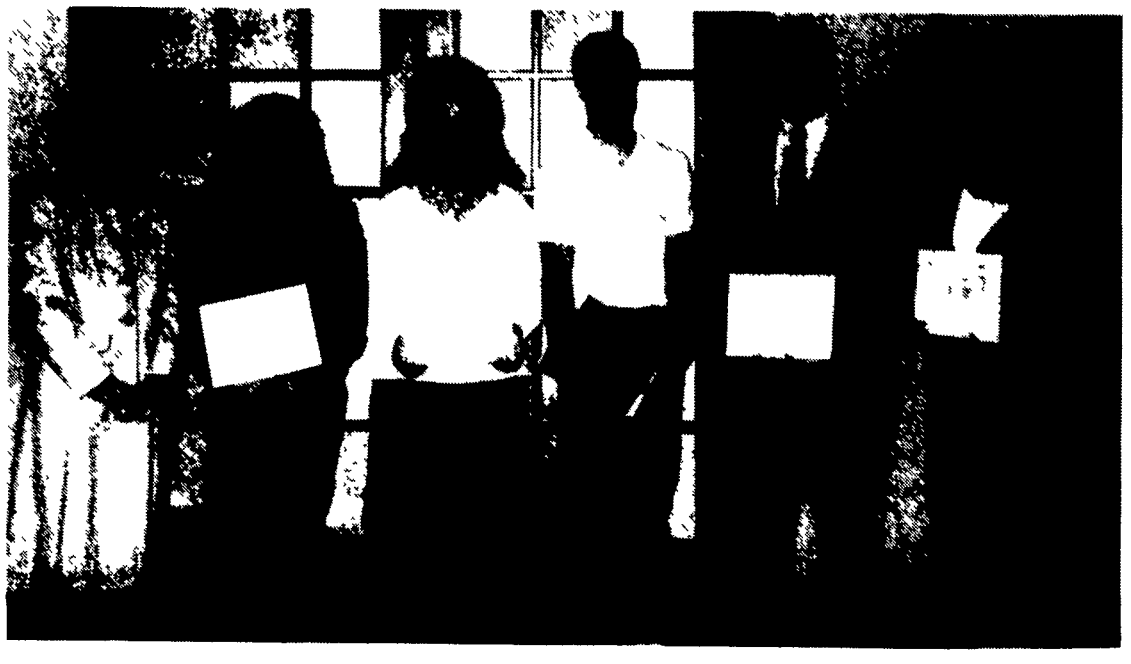
Matthew's qualifying animals were Tri-Day Boutonniere Brilliant, a 2-year-old VG-85, with a 305-day lactation record of 21,469 pounds of milk, 710 pounds of fat; Tri-Day Astroject X-Mas Eve, a 2-year-old with a 305-day record of 18,969 pounds of milk and 733 pounds of fat; and Tri-Day Mark Darling, 1-11 freshening for a 305-day record of 19,858 pounds of milk, 765 pounds of fat.

Nichol was also recognized for being one of two members who bred and own cows having produced more than 30,000 pounds of milk in one lactation. The other members was Jason Rankin, of Burgettstown, whose Rankin Kay Kitten Sexation made a 305-day record, as a 3-year-old, of 33,800 pounds of milk with 1,241 pounds of fat and 1,019 pounds of protein.

Still, Nichol received yet another award for breeding and owning a cow which classified as an Excellent. The other recipient of the award was Jayne Hess, of Gettysburg, whose JoBo Star Gloria Gwen was classified and Excellent 90-points.

From the left, David Fava, accepting for Jason Rankin, and Nichol Bozlinski, receive awards for breeding and owning cows which recorded more than 30,000 pounds of milk.

The junior-age division winners of the Pennsyvlania Jr. Holstein Association Dairy Bowl are from Cumberland County. From the left, front, are David Day and Matthew Day. From the left, rear, are coach Ann Day, and members Heath Ocker and John Leib Jr. Also pictured is contest sponsor representative Daniel Hughes.



From the left, Paula Wack, who is junior advisor, stands with Janelle Wivell, Teresa McIlwain, Jeremy Braund, Wayne Hassinger, and Stephanie Wagner, who were all owners of 3-year-old Junior All-Pennsylvania Holsteins.

From the left front, Paula Wack, junior advisor, stands with Dianne Glock, Rebecca Kelly, and Todd Getz, and, from the left, rear, Craig Walton, Jeremy Braund, Duane Nolt, and John Foster III, all owners of 5-year-old Junior All-Pennsylvania Holsteins.

From the left front, receiving recognition for achievement are Andy Bicksler, Jenelle Boyer, Timothy Getz, and Jennifer Shultz, and from the left, rear, Donald Harwood, Jeremy Braund, Karen Struble, and Miriam Kelly, who all own Junior All-Pennsylvania 4-year-old Holsteins.

Jersey Club To Select Queen

HARRISBURG (Dauphin Co.) — Again this year, the Pennsylvania Jersey Cattle Club (PJCC) will be selecting a Jersey Queen to represent Pennsylvania Jersey breeders at various events, and to promote the Jersey breed. She will also represent the state in the National Jersey Jug Queen Contest, held in November during the All American Jersey Show in Louisville, Kentucky.

The contest is open to young ladies who are 15 through 19 years of age, as of January. To be eligible, contestant's parents must be current members of the PJCC or the contestant herself must be a junior member of the PJCC or the American Jersey Cattle Club. Interested contestants and their parents can become members of the PJCC by completing a membership application provided at the time of entry.

This year's contest will be held on March 26, in conjunction with the PJCC annual meeting in Chambersburg. Each contestant in the pageant will be interviewed by a panel of judges. Then, during the evening contest, contestants will be asked to give a 3 to 5 minute presentation about their experiences with Jerseys and future goals. Or, contestants can give a 3 to 5 minute presentation about the Jersey breed.

An on stage interview will also be conducted as well as the presentation of an impromptu question by the Master/Mistress of Ceremonies. Selection will be based upon knowledge of the Jersey breed, enthusiasm, speaking ability, poise, and appearance. At the conclusion of the contest, a Jersey Queen and Alternate Jersey Queen will be selected to serve Pennsylvania Jersey breeders for the coming year.

To enter this fun and exciting contest, contact Betsy Dupuis, youth advisor at (717) 787-6903 (w) or (717) 540-1687 (h), to receive an application for this contest. All applications must be returned to the Youth Advisor by February 20.

ABC In Good Shape, Direction Steady

VERNON ACHENBACH JR.
ANDY ANDREWS
Lancaster Farming Staff

MOUNT JOY (Lancaster Co.) — Atlantic Breeders Cooperative (ABC), based in Lancaster, began holding its annual district meetings this past week to elect officers, recognize outstanding members, and review its business position and goals.

Other meetings continue through Thursday (See the Farm Calendar, page A10.) Results of all elections are to be announced at a later date.

ABC in Lancaster County is divided into two districts — The Northern District (District 4), which is north of Rt. 30, and the Southern District (District 5).

District 4 is further subdivided into East and West. On Tuesday evening District 4 West held its meeting at the Country Table Restaurant in Mount Joy, and on Thursday evening District 4 East held its meeting at the Liberty Fire Hall in New Holland.

According to cooperative managers, ABC experienced a very favorable business year despite economic pressures facing dairy farmers. A report showed growth in both service volume and unit sales for the eighth consecutive year.

David Landis, director for District 4, said the cooperative is financially sound and the quality of genetics has been increasing.

According to Landis, some of the work done at the Lancaster stud included installing a new furnace, putting in a room for teasers, and remodeling of the semen collecting room.

"The financial situation is good. The cash position is strong," Landis said.

However, he did note that one area of business is starting to slide.

"International sales is one area which is dropping some," he said. "We had to raise technician fees a small amount. It was the first time (the fees were raised) in five years."

A Long-Range Planning Committee has been formed and has adopted a mission statement which says, basically, that the committee intends to do the best job for members in securing its position in the federated family of cooperatives and to keep semen at a reasonable cost to members for the foreseeable future.

Landis said the cooperative has requested that the U.S. Department of Agriculture's Agricultural Cooperative Services agency conduct a comprehensive study to determine a comparison of the quality of genetics in cooperatives.

He said that the agency has not yet finished its research and has asked ABC and other cooperatives to furnish additional information, which is being done.

According to Landis, the Ag Co-op Services people are using six different criteria to compare cooperatives: the operations, research and development, genetics, member representation, positioning for the future, and member acceptance.

Furthermore, Landis said that the ABC committee is continuing to try to evaluate direction in the face of a downward trend in cows, increased production per cow, unclear economic and public policy, and a changing world economy and world trade agreements.

"But that's why the committee was formed," Landis said.

Chuck Allen, ABC operations director, talked about the stud and semen collecting procedures, showing slides of the facilities. Allen also talked about ABC policy regarding bulls carrying BLAD.

He said that the stud seeks to obtain young bulls for testing while they are between eight months and a year of age, so that the bulls can be completely health tested.

"It's as important now as when A.I. started," he said.

They keep the bulls in isolation until the health tests are performed and testing is performed for genetic metabolic recessives, such as the BLAD.

Honored at the ABC banquet Thursday night in New Holland were, from left, Glenn Gockley, Nevin and Denise Horning, Betty and Marvin Sauder, and John and Cheryl Zimmerman.

BLAD has been an issue of concern, though its incidence has been relatively small, because it does cause an occasional loss of a milking animal for no apparent reason, and because it can be controlled to the point where BLAD should be an insignificant concern and eventually eliminated.

However, Allen said it will continue to show up and be a part of the genetics program for some time yet, because of a reluctance to destroy a bull which has other genetic traits of enough value to offset the potential loss of a cow through BLAD.

However, Allen said that starting last year, ABC has been rejecting bulls if they are discovered to be documented carriers of the recessive gene. He said last year six bulls were culled.

He said that much of the tracking for BLAD, and the decision to keep or kill, comes through the use of data compiled by the Holstein Association, Dairy Herd Improvement Association, and the USDA, all of which are accessible by ABC via computer link.

Although the co-op will no longer accept any BLAD carriers for testing, known BLAD bulls already in the testing program or recently started in the program will be culled unless they have been shown to be in the top 20 percent for any one of the desirable traits.

In effect, it means that there will still be some BLAD bulls entered into the active semen lineup, because of some outstanding traits, but, because of screening out BLAD on young bulls now, within four years the co-op will stop that practice.

However, Allen said that BLAD will continue to be around for some time, though its effect on the dairy industry should be almost unnoticeable.

Additionally, ABC tests for every major cattle disease.

On operations, Allen presented an overview of the housing for the bulls at Lancaster, discussing the isolation areas and the movement techniques.

He said the bulls and teasers are fed corn silage and that the A.I. co-op grows its own corn. They had a good year and had enough raised and harvested that they sold some.

Each bull is fed individually, wood shavings are used for bedding, and, in effect, the animals are pampered.

Manure handling at the facility basically comes down to movement of a tractor-trailer load of shavings coming in a week, and an equal load with manure going out. The facility is designed to store up to three weeks of manure.

The bulls that weigh from 1,200 to 1,500 pounds are turned on their sides twice a year to have their hooves trimed, while larger bulls are done standing, which he said is not without risk.

Allen also showed slides of semen collecting, which illustrated the potential risk the collectors take working with the animals, and the care and attention to detail used, such as rototilling the stonedust and sand footing in the collection stall.

In other business, the cooperative presented awards to members whose herds have recorded year-end production averages in excess of the top 10 percent of the Pennsylvania DHIA average for milk or protein. That comes to a herd average of 20,860 pounds of milk or 655 pounds of protein.

To be eligible for recognition, those milk herds must also be at

(Turn to Page A38)

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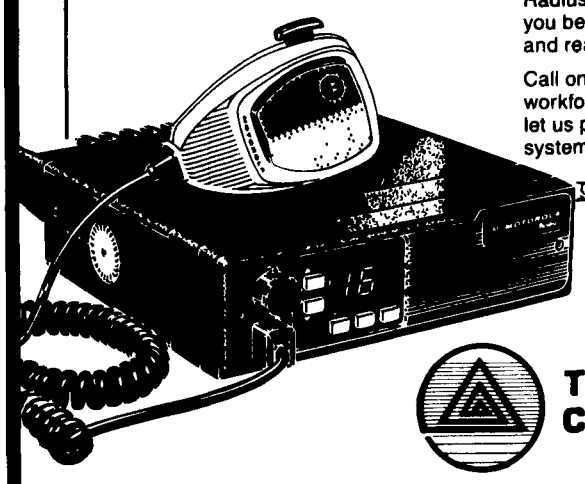

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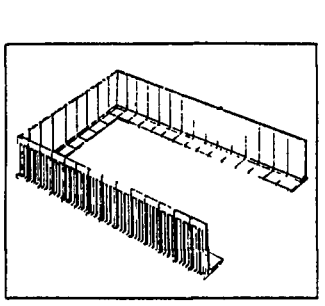

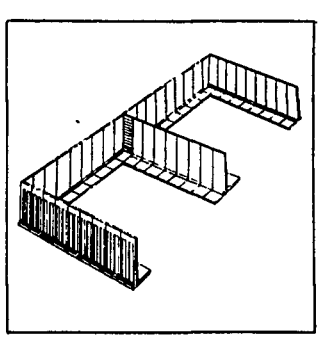

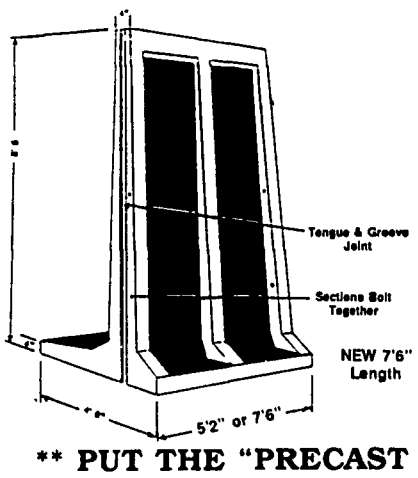

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ABC In Good Shape

(Continued from Page A37)

least 65 percent sired by ABC bulls.

At the Mount Joy meeting, 199 people attended. Honored were Paul Fahnestock, Robert Brandt, Meadow Vista Farm, Jeffrey Aungst, Earl Landis, Marvin Witmer, and David Brandt.

Within ABC technician unit 18, served by Technician Paul Werner, Fahnestock, of Manheim, had an average of 21,692 pounds of milk, and 683 pounds of protein from 78 cows. Robert Brandt, of Elizabethtown, had an average of 21,293 pounds of milk and 656 pounds of protein on 51 cows. Meadow Vista Farms, in Bainbridge, recorded an average 21,388 pounds of milk and 640 pounds of protein.

In ABC Tech Unit 10, served by Technician Bob Keen, David Brandt, Annville, recorded an average of 22,300 pounds of milk and 698 pounds of protein on a 100-cow milking herd, which was bred 96 percent ABC and includes six Leadman daughters.

In ABC Tech Unit 17, served by Technician Jeff Peifer, Marvin Witmer, of Lititz, recorded an average production of 21,667 pounds of milk and 674 pounds of protein, from a 61-cow herd which was 100 percent ABC sired, including a number of Leadman and Cletius daughters. Earl Landis, of Manheim, was honored for recording a production average of 21,786 pounds of milk and 683 pounds of protein, from a 54-cow herd which 90 percent ABC sired. Peifer said that Landis was one of the first to use Leadman and now has a second crop of his daughters.

At the New Holland meeting Thursday night, of which about 150 attended, 14 ABC members were honored for production. From Unit 17 (Lititz-Manheim), Nevin S. Horning had a production of 23,547 pounds of milk and 707 pounds protein from a 48-cow herd that is 100 percent ABC sired. Frank Fox recorded 22,113 pounds of milk and 701 pounds protein from a 39-cow herd that is 85 percent ABC sired. Ed Wise recorded 22,799 pounds of milk and 679 pounds of protein from a 37-cow herd that is 100 percent ABC sired.

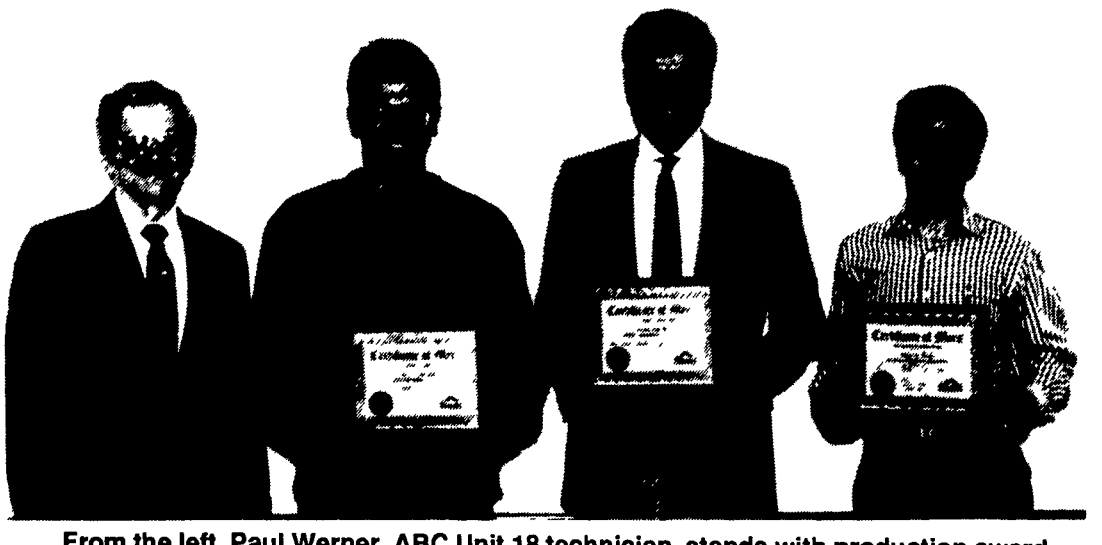
From Unit 13 (Leola-North), Marvin R. Sauder recorded 21,672 pounds milk and 660 pounds protein from a 39-cow herd that is 95 percent ABC sired. Philip Horst recorded 20,787 pounds of milk from 41 cows and 638 pounds of protein from a herd that is 86 percent ABC sired.

Unit 21 (Ephrata), four members won awards for outstanding production. Those include Gerald Martin, for his 57-cow herd that is 81 percent Atlantic sired, with 20,780 pounds of milk and 649 pounds of protein. Richard Sauder, with a 53-cow herd, registered 20,881 pounds milk and 663 pounds protein from a herd that is 95 percent ABC sired. Earl and Anna Mae Reiff recorded 22,211 pounds of milk and 704 pounds protein from a 40-cow herd 94 percent ABC sired. Glenn Gockley recorded 24,884 pounds of milk and 808 pounds of protein from a 50-cow herd that is 92 percent ABC sired.

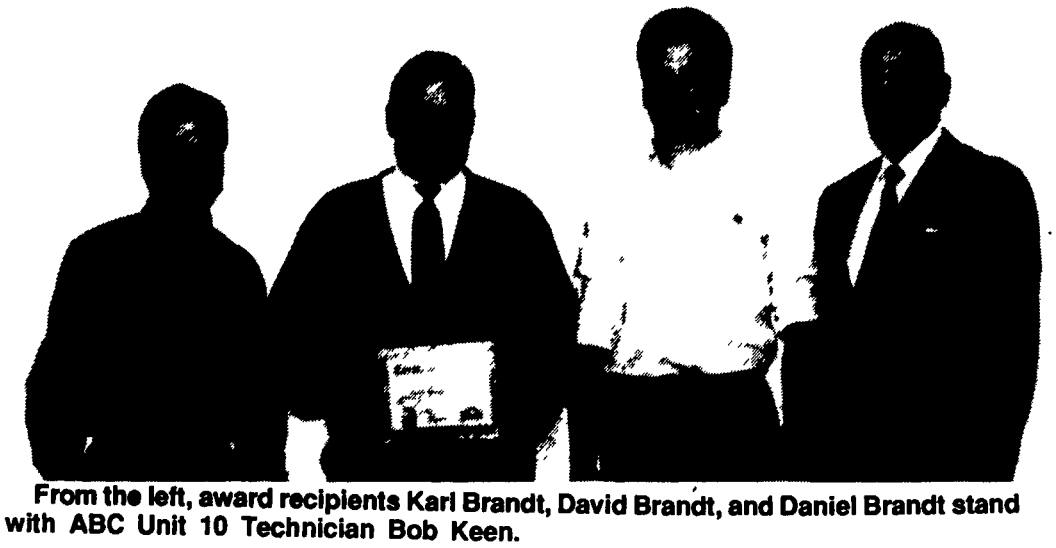
Unit 16 (New Holland) had four members with outstanding production, including Clair Good with 21,461 pounds of milk and 645 pounds of protein from a 47-cow herd 86 percent ABC sired. John G. Good won with 21,408 pounds of milk and 672 pounds of protein from a 54-cow herd 84 percent ABC sired. David R. Stoltzfus won with a 34-cow herd with 21,316 pounds of milk and 678 pounds of protein from a herd that is 67 percent ABC sired. John S. Zimmerman, with their 65-cow herd that is 78 percent ABC sired, recorded 23,347 pounds of milk and 698 pounds of protein.

Unit 5 (part of Chester County), D.H. Lonehill Farm (represented by Dave Horning) recorded 21,054 pounds of milk and 654 pounds of protein from his 58-cow herd that is 86 percent ABC sired.

From the left, production award recipients Marvin and Pat Witmer, and Evelyn and Earl Landis stand with ABC Unit 17 Technician Jeff Peifer.



From the left, Paul Werner, ABC Unit 18 technician, stands with production award recipients Paul Fahnestock, Don Risser, and Robert Brandt.



From the left, award recipients Karl Brandt, David Brandt, and Daniel Brandt stand with ABC Unit 10 Technician Bob Keen.

Avian Influenza Update

(Continued from Page A1)

linked to a Lancaster County farm market.

State officials are not concerned with the facility, except that it comply with the temporary state quarantine first announced Jan. 22.

State officials said that the Lancaster facility came under question because it is one source of poultry out of the many that are used by the poultry dealers whose operations have been linked to Avian influenza.

While two of the poultry buyers linked to avian influenza had purchased some of their many chickens from the Lancaster market, that specific market, Roots Farm Market, is not suspect because it is not a common denominator.

To identify the source of influenza, officials have been tracing the transfer of birds back to the orginating farms that supplied birds to those infected markets.

"They have taken samples in Pennsylvania at more than 112 locations. One traceback to New Jersey led to a farm with a menagerie flock (various exotic breeds) involving birds that have access to wild birds. They quarantined their farm," he said.

As of presstime, officials have not been able to isolate the virus in any Pennsylvania poultry flock.

Although producers were asked to report any bird with an apparent respiratory illness, officials have not found any birds with clinical symptoms of Avian influenza.

"We're still asking that any poultry producers with birds with any respiratory illness of any kind to report it so we can investigate," Schenck said.

"We're very happy with the cooperation from poultry producers," he said, "both those with commercial flocks and those with backyard flocks."

Flu Cancels Conferences

SALISBURY, Md. — Because of the recent quarantine put in place in Pennsylvania because of avian influenza, the Delmarva Corn and Soybean Technology Conference, scheduled here Wednesday, has been cancelled.

The event will be rescheduled next year, according to Milt Nelson, Maryland Cooperative Extension Service.

Also affected because of the avian flu outbreak is the sheep conference originally scheduled in Sudlersville, Md. for Feb. 20, according to David DeLamater, Delmarva Shepherds Association. DeLamater told *Lancaster Farming* the meeting will be postponed for the time being.

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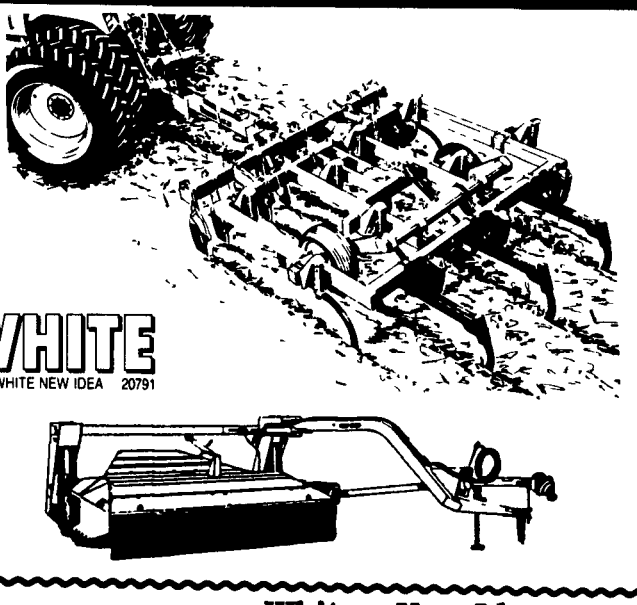

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Food, Awards, Election Highlight Lancaster Extension Meeting

Dale Hershey, president, congratulates newly-elected extension directors, from left, Karl Herr, Roger Rohrer, Thelma Wolgemuth, and Pat Witmer.

(Continued from Page A34)

were given individual assistance.

The extension strives to continue to meet the many needs of the community despite the funding cutbacks of the government. Dr. Charles Krueger, Penn State associate dean, said that the university ranks 11th nationally as a major research center with the College of Agriculture attributed to one-fifth of the research.

While the extension is implementing the government's recommendations to use fewer staff and faculty, Krueger expressed concern that the cutbacks could effect the research and services needed by the ag community.

The force behind the services of the extension is the extension agents said Michelle Rodgers, regional extension director. In recognition of their work, Leon Ressler received a five-year award and Chet Hughes a 10-year award.

Ressler also received special recognition from the Chesapeake Bay Foundation. Lamonte Garber told of Ressler's work in organizing a series of field trips for farmers and agents to travel to the bay and see how water quality is being affected by pollution. The Bay Foundation helps provide funding for more than 35,000 persons to sail on the bay to examine the water.

"We believe it is important for people to experience the bay first hand," Garber said.

Newly elected extension assocation directors include Thelma Wolgemuth, Mount Joy; Pat Witmer, Clay; Raymond Reitz, Washington Boro; Roger Rohrer, Strasburg; and Karl Herr, Christiana.

Four retiring extension board members are Carol Weaver, Audrey Shank, Allen Lefever, and Judy Greenleaf.

Atlantic Locals

(Continued from Page A21)

which the milk is produced and the health of the herd producing the milk is also involved.

"There are those who think that if their bacteria counts are below the limits, nothing else matters. Bacteria counts are an indicator of the quality of milk being produced, but only milk from two different pickups is being tested each month. The ideal way would be to test each pickup, but that is not economically feasible.

"When a rating is lost, every member of the cooperative loses.

Others on the program included Jill Harnish, Lancaster County dairy princess; Rhelda Royer, director; and Stephen Hladio, III.

Awards were presented to 25 year members. They are Richard Garber, Dennis Kolb, Lester Gehman, Jr., John B. Groff, Paul Horning, and David Martin.

Quality premium awards went to Amos & Ruth Conley and Earl N. Landis.

The results of the election of officers are as follows: Donegal Local, David Martin, president; Paul Sauder, vice president; Jacob Conley, secretary-treasurer; Earl Landis and Jacob Conley, delegates; and Stephen Hershey and Homer Hess, alternates.

In the Lititz local, Nevin Horning, president; Larry Hershey, vice president; Marvin Sauder, secretary-treasurer; Harold Becker, Jr., Leonard Martin, and Kevin Smoker, delegates; and Andrew Miller, Edward Sensenich, John Wenger, and James Zimmerman, alternates.

D. David Martin was master of ceremonies and Rev. John B. Groff gave the invocation.

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ROAD TRACTORS

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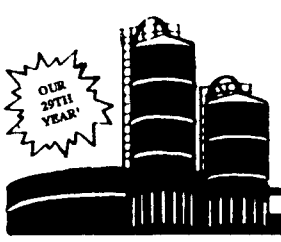

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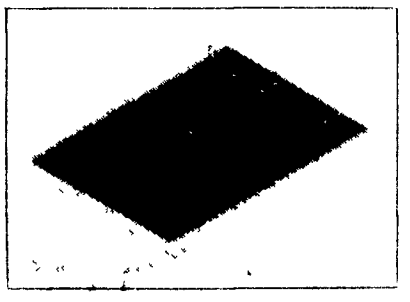

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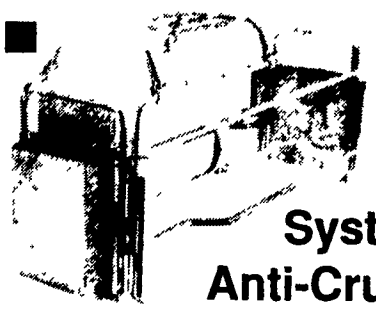

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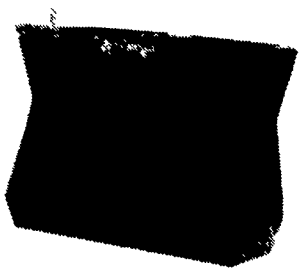

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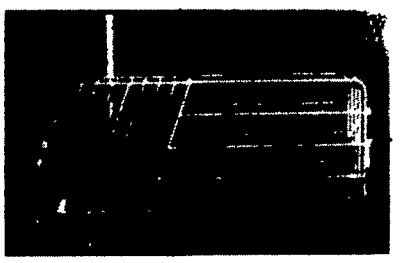

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Women-operated Farm Is Home For Pennsylvania Dairy Princess

LOU ANN GOOD
Lancaster Farming Staff

HONESDALE (Wayne Co.) — "People say it is unusual to have a woman-run farm, but I grew up with it and it doesn't seem unusual at all," said Crystal Schweighofer, Pennsylvania Dairy Princess.

While some people believe farmwork is predominantly male work, Crystal disagrees.

"Women can do farm work just as well as men. It's like anything else, if it needs to be done, you do it."

It's no small farm that Crystal's grandmother owns and her mother operates. The 215-acre farm in Wayne County with about 120 Holsteins has been in the family for 150 years. They use no hired help except Crystal and her 17-year-old brother, Wayne.

Crystal was about five years old when her grandfather died and her grandmother decided to keep the farm with the help of Crystal's mother.

At an early age, Crystal began helping around the farm.

"I do pretty much whatever needs to be done," she said. "Milk, feed, clean, and build fence."

Now, that she is the state dairy princess, Crystal meets a lot of other girls who work on dairy farms.

She said, "When I tell them what I do on the farm, they ask in disbelief, 'You do what?'"

Crystal smiled and said, "I just do what needs to be done. Like anything else, you learn as you do it."

Of all the chores she does, she prefers to clean out the stable because "I'm usually alone; it's quiet in the barn, and I'm not rushed," she said.

One job that she does get tired of doing is building fence.

"It seems like we are always building fence," she said.

That is because four-strand barb wire fence surrounds much of the farmland that is mostly in pasture.

The cows and replacements graze on pasture except in severe winter weather. Some corn is grown for silage and the remainder is picked. Crystal's mom also rents flats for hayfields along the Delaware River.

In addition to her 17-year-old brother, Crystal has twin siblings, a 5-year-old brother and a sister.

"They're not old enough to do much to help and they get into a lot of mischief, but I just love them," she said.

"They like to walk the calves each evening and let them loose and then it's a job to catch them," Crystal said.

Like the twins, Crystal admits that she also had a streak of mischief in her when she was a preschooler.

"I loved to run in the fields and when the adults were working in the barn, I'd take off. They needed to get in the car and drive up and down the roads until they found me in a field. Soon they learned to tie me to the clothesline or in the barn to keep me from taking off," she said.

Her love for running is still part of her life. She is on the track and field team at Honesdale High School, where she is a senior. She is active in student council, choir, and on the tennis team.

In 4-H, Crystal is a member of Pillsbury Kids, a 4-H cooking club, county council, and the Rilleyville Coldsprings Ag club, where she has projects such as steers, sheep, market lambs, pigs, corn and hay. She likes to sew and do crafts.

After being named Wayne County Dairy Princess and then winning the Pennsylvania title, Crystal needed to find time to represent the dairy industry.

"There's a lot of going and coming in my job as dairy princess. I had hoped to take on more duties in high school, but I can't. Sometimes I feel a bit sad about that, but then I look at where I am going because of the dairy princess program. I know I have more opportunities with that than with school activities," she said.

The school allows Crystal to take off 40 days to attend to dairy princess duties across the state.

"It hasn't been easy to keep up my grades," Crystal said. "But the events often come in rushes of everything at once and then nothing for a while.

"I'm glad it is like that because sometimes I need time alone — a break — to just listen to music and relax."

Crystal enjoys the traveling that comes with her job, but it also has required the biggest adjustment to her reign — overnight trips.

"The twins are really attached to me and they cry when I leave and when I phone them," she said.

Crystal gets a bit teary-eyed herself when she's is away from her family, which, she says, is extremely close.

She also gets tears in her eyes when she talks about her Aunt Pearl. "She died about six months ago, but she was the biggest influence on me."

It was her aunt's input that saw Crystal through some difficult elementary school years when classmates made her feel left out because she was from the farm and from a one-parent family.

"She taught me that farmers can have class and style. She was a wonderful person with a neat personality," Crystal said.

When Crystal was in junior high school, she attended modeling school during the summer. "I was the youngest one, but the experience gave me a lot of self confidence and maturity," she said.

"I used to be really shy and I had this huge fear of saying the wrong thing," Crystal said.

She found that participation in 4-H, church youth group, choir, and teaching Sunday school has helped her become more outgoing and confident.

"But there are more important qualities than being confident and a good public speaker," Crystal said. "The best quality you can have is honesty. Trust, being gracious, generous, and kind are qualities that I think are important too."

As Crystal reflects on the past and thinks of the future, she said, "I think it is comforting to know that you may not always get what you want in life, but there's a reason for it."

That reason, Crystal believes, is God who controls the circumstances in life.

Although college is definitely in her plans for the fall, Crystal has not yet decided where, but she leans toward Keystone College in the Scranton/Wilkes Barre area.

She plans to major in accounting because she likes the business world and working with numbers.

As the state dairy princess, Crystal received a $1,200 scholarship. She also received $500 to go on a shopping spree for clothing. Because dairy princesses are required to wear dresses or skirts when representing the industry, Crystal said that she needed to get a whole new wardrobe. "I never wore a suit before and I find it is the most confining thing to wear," she said. She prefers wearing jeans.

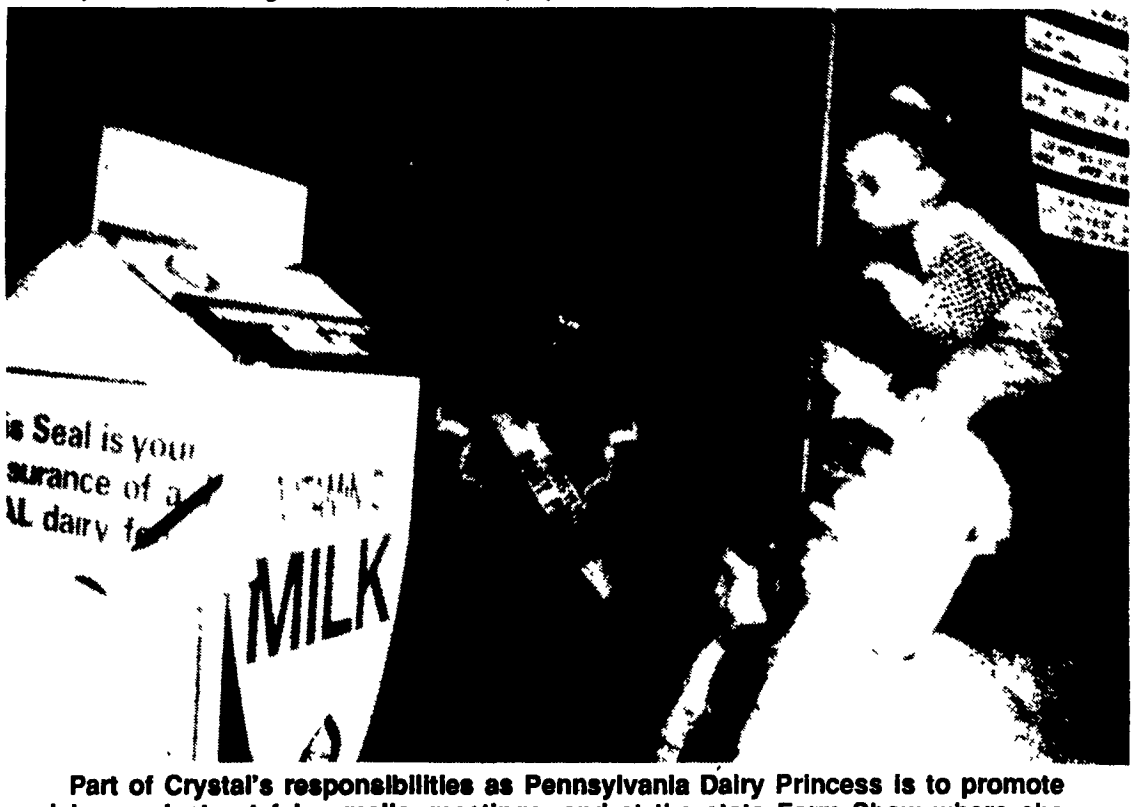
Crystal knows that she will miss the farm when she goes to college. "We live at the top of a hill, which has almost a 90 percent drop, it gives us a great view. There's lots of trees and it's beautiful," she said.

With Crystal assuming dairy princess duties, her mother, Joan Schweighofer, has even more farm duties.

Crystal said, "My mother just does more work when I'm gone. My grandmother is getting older, but she feels like she needs to be in the barn. She feeds the calves and scrapes down even when we tell her not to do it. It's really a woman-operated farm. They just do whatever needs to be done."

Pennsylvania Dairy Princess Crystal Schweighofer tells how she combines home, school, church, family, and dairy promotional duties.

Joan Schweighofer, right, takes a break from running the farm to play with twins, Tiffany and Timothy.



Part of Crystal's responsibilities as Pennsylvania Dairy Princess is to promote dairy products at fairs, malls, meetings, and at the state Farm Show where she appeared with "Half Pint," the robot milk carton.

Homestead Notes

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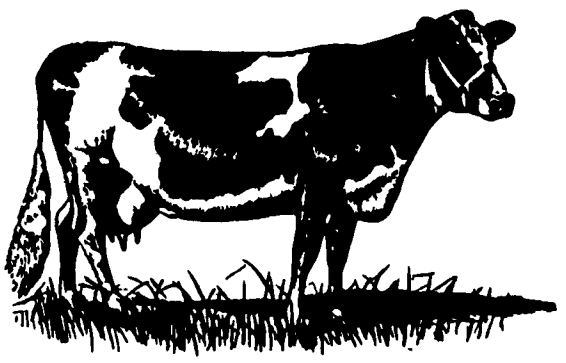

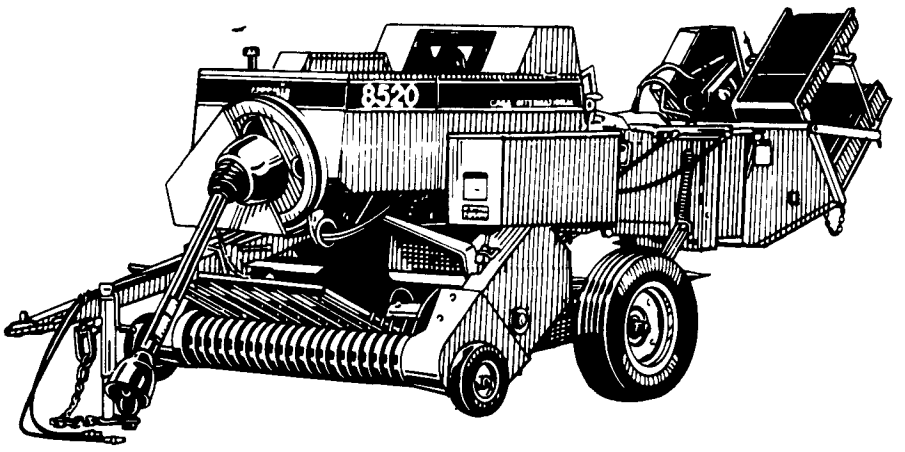

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TAKING TIME

by Rebecca Escott

Extension Home Economist

To Be Or Not To Be Home Alone

In anticipation of hosting my 6 and 8-year-old nephews for a Valentine's Day sleep-over, I've been thinking about the skills, interests, and attention spans of children this age. So much attention has been given recently to the "home alone" syndrome that this was a good reminder of normal development expectations for elementary-school children. For me, this was exploration in anticipation of a fun day. For many families, it is a pressure-filled question.

In 1991, 15 million children in the United States cared for themselves or siblings without adult supervision. For some of these children this is unsafe and inappropriate.

If you are thinking about choices for your children, consider this checklist. The questions target essential skills a child should have before he is unsupervised in his home.

✔ Can your child recite his name, telephone number, and address even under stress?

✔ Can your child take a telephone message accurately?

✔ Can your child use the phone to call you or a friend?

✔ Does your child understand the concepts of emergency? Late and later? Stranger? As you spend time together, get in the habit of asking, "If you had been here alone, what should you have done?" Use this technique if a utility service person knocks on the door, a younger sibling falls and scrapes her knee, or your child comments about being frightened.

✔ Can your child read and understand a written message?

✔ Can your child prepare a simple snack by himself?

✔ Can your child find something interesting or useful to do while alone?

✔ Does your child feel comfortable about being alone by herself? Some studies have shown that children who live in rural areas appear to be less fearful about being home alone than those who live in urban areas. But remember that each child is unique. Also consider that in rural areas, children may be some distance from help in an emergency.

✔ Do you feel comfortable with your child being home alone?

✔ Does the child generally observe rules that exist in the home?

Parents can practice these skills with their children in anticipation of being home alone. Ask a relative to call and purposely have your child take a message. Allow your child to practice selecting familiar numbers from a posted list and dialing the phone. Establish a set spot in the home for messages. Leave notes there on a regular basis (even when you are home). Train your daughter to check this spot each time she comes in this house.

I encourage families to survey the neighborhood. Is there a trusted adult who could serve as a helper or listening ear if needed? Would that person hold an extra key to your home in case of an emergency? As a family, think about what phone check-in routines you might follow.

I am reminded of an African proverb, "It takes a whole village to raise a child." If you are not a parent of young children, as a part of your "village" could you volunteer to be a watchful eye? Do you drive through your neighborhood as a part of your daily routine? How could this help? Remember not to pressure children who ask to take phone messages. Don't grill them for further information like, "Well, when will she be available?" If you stop by a home and a child will not allow you to enter (even if she knows you), respect that. In fact, volunteer to come back later. You can be a part of the community's solution to school-age child care concerns.

Families Churn Ice Cream To Win

HARRISBURG (Dauphin Co.) — The Pennsylvania Farm Show featured a special "cold" contest, the Ice Cream Churn-Off. This event generated many interesting recipes for homemade ice cream. Flavors ranged from fruit varieties to chocolate concoctions. But, judges were able to select three top entries from among eight different contestants.

In first place, the judges selected Elsie Smith's "Hawaiian Delight," a mixture of pineapple, bananas, maraschino cherries, and macadamia nuts. Smith and her grandchildren, all from Roaring Spring, Blair County, made the recipe in her hand-crank ice cream churner. Ther hand-made method was one of her keys to a successful ice cream creation. Smith won a $300 top prize in the contest.

Defending champion, John Hess, from Manheim, Lancaster County, churned his creation, "Strawberry" ice cream, to the second place award, $150. This recipe featured his family's homemade strawberry jam as the major ingredient. The $125 third prize recipe came from Harold and Linda Geise, from Watsontown, Northumberland County, who created "Winter's Delight" for the judges. This recipe featured walnuts and maple syrup as the flavoring ingredients.

Other recipes in the contest included: "Peppermint Stick," made by Benjamin Schriver, Jonestown, Lebanon County; "Raspberry," made by connie Troutman, Mohrsville, Berks County; "Chocolate," made by Galen Kopp, Mt. Joy, Lancaster County; "Peanut Butter Crunch," made by Harry Thompson, Mt. Joy, Lancaster County; and "Black Raspberry," made by Chris and Brenda Davidson, Shippensburg, Cumberland County.

This contest was designed to offer families and friends the opportunity to create their own varieties of homemade ice cream. Pennsylvania's ice cream industry is the second largest in the United States, with over 74 million gallons produced in 1991. The state's 10 billion citizens are also known as big consumers of this "chilling" dairy product.

Complete recipes for the top three prize winners follow. A complete contest recipe brochure can be obtained by sending a self-addressed and stamped legal-size envelope to: "1993 Fun Night Ice Cream Recipes," PA Dairy Promotion Program, 2301 North Cameron Street, Harrisburg, PA, 17110.

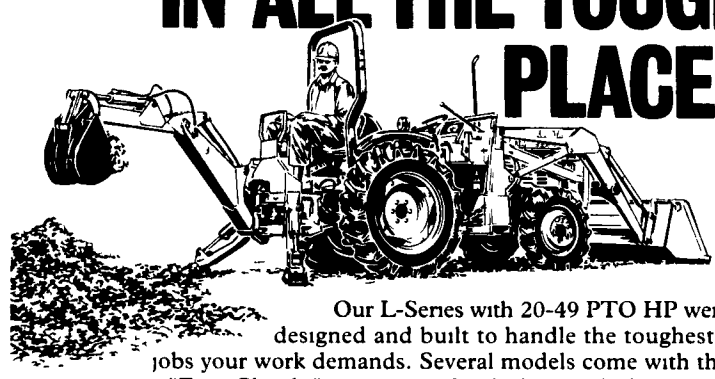
WINTER'S DELIGHT

2 cups walnuts
10 large eggs
2 cups sugar
4 cups milk
4 teaspoons vanilla extract
3 cups pure maple syrup
2 quarts heavy cream

Spread walnuts on a cookie sheet and toast in a 350 degree oven for about 8 minutes. Cool and chop fine. In a large non-reactive pan, combine eggs, milk and sugar. Cook over medium heat until mixture reaches the consistency of mayonnaise. Remove from heat and stir in vanilla, maple syrup, walnuts, and cream. Cool. Pour into ice cream freezer and freeze.

(Turn to Page B5)

LOOKING FOR WORK IN ALL THE TOUGH PLACES



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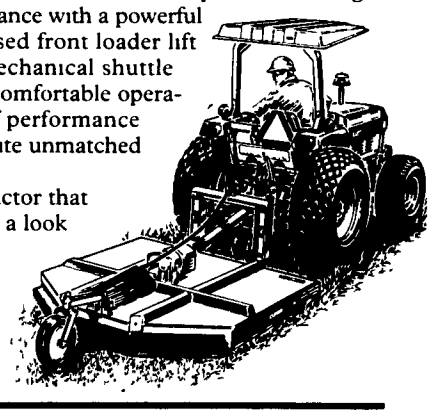

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On being a farm wife - And other hazards

Joyce Bupp

When you stop learning, you're dead.

By fate or by design, we learn new things everyday. Or should, if we're paying any attention to life swirling around us.

Fact is, with each passing year, I realize how little I know about an increasing number of things .... and how impossible it is to ever keep up with the exploding amounts of new material to learn.

A tribute to the quest for continuing education is the number of classes offered everywhere from our area colleges and high schools to institutions like the "Y," community organizations, even local department and specialty stores.

A bulletin arrived a few days ago from our local school district, outlining the evening classes available for the spring semester. From ballroom dancing to stock investment, from computer education to photography, from craft classes to tennis, there's something for just about everyone.

When the kids were younger and I had fewer barn chores, I went with friends to various classes. We learned tennis through windy March evenings that sometimes nearly blew the balls away and tole painted assorted items from around our households.

With the family grown, more of those hours are devoted to farm responsibilities. After scanning the adult education lineup, I just couldn't find any that really addressed the kind of learning my lifestyle currently demands.

For instance, there is no class being offered on emergency barn plumbing repairs.

That knowledge would have been most useful a few days ago, when evening chores opened with a lively stream of water gurgling down the cows' feed trough. It lent new meaning to the term "high moisture corn."

Source of the indoor brook was obvious — a gush of water arched above a separation in a drinking cup hookup, thoroughly rinsing the stall's cow mat as well as flooding around the piles of freshly-fed haylage.

Plastic water pipe runs along the curb of the feed trough. "Tee" hookups tap into the pipe to supply water to the drinking cups, located between every two stalls. On occasion, a cow will get her foot up over the curb and knock the hookup loose.

While I knew where the shutoff valve was, I couldn't make it work; switching it the opposite direction from "on" left the cascade pouring out as fast as before. In desperation, the separated plastic pipe was finally forced back onto the "Tee" — resulting in a bath of cold water in the process — and tied in place temporarily with (what else!) plastic baler twine anchored to the metal stall divider.

By the time the gusher had worked its way loose again, The Farmer was home from a broken-part errand. He demonstrated how to shut down the waterline by turning the valve .... only half as far as I'd been switching it.

Groan.

And, while craft shops offer classes on grapevine wreath decorating and fabric painting, where can you find a single seminar on "Handy Shortcuts With Duct Tape"? We duct tape specialists have to just muddle through, with no expert advice, on taping storm windows back in after 50 mph. gusts have rattled them loose from barn windows.

And doing it with four heifers chewing at your elbows.

When will someone teach "Fine Points of Stapling Feed Bags Over Barn Gaps"? Or "Thawing Frozen Pipes Made Easy" and "Easy Steps To Reattaching The Outdoor Thermometer That The Wind Blew Away." If I could find it, that is.

There are definitely some major gaps in my education. But there's hope.

A voice just muttered something about "teaching old dogs new tricks."

Is Salt At Fault?

When it comes to health problems such as high blood pressure and heart disease, is salt at fault or not? Experts say it depends on whether you're "salt sensitive." There are 50 million Americans who have high blood pressure and an estimated 25 million of them are salt sensitive. There are also another 20 million who don't even know they have high blood pressure. That's why it is often called the "silent disease": you may feel fine while high blood pressure is damaging your arteries.

So, how do you know if you are salt sensitive? Unfortunately, there is no way of knowing, unless you do extensive testing while on a salt restricted diet. So to protect your heart health, it's best to assume you are salt sensitive and reduce your intake, as well as lose weight, exercise and reduce your alcohol intake. *The British Medical Journal* reported that even a modest reduction of sodium in the typical Western diet will reduce the risk of stroke by 22 percent and heart disease by 16 percent. If you're a woman, keep in mind that reducing salt can also reduce your risk of osteoporosis.

To help you reduce your sodium intake to a recommended 3000 mg. per day, here are some tips:

- Start by eliminating salt added at the table.
- Next, eliminate salt added in the cooking process.
- Experiment with herbs, spices, wines, vinegars and aromatic vegetables.
- Look for low- or no-sodium foods at the supermarket. Del Monte, for instance, has a No Salt Added line of vegetables and is currently introducing a 50 Percent Less Salt line of vegetables.
- When dining out, ask that food be prepared without salt or MSG.
- Eat more fruits and vegetables. The potassium, magnesium and calcium may help to lower blood pressure.

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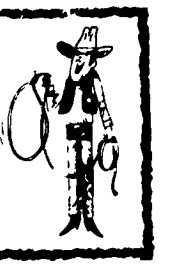


Families Churn

(Continued from Page B4)

HAWAIIAN DELIGHT

2½ cups sugar
6 Tablespoons cornstarch
¼ teaspoon salt
5 cups milk
2 cans sweetened condensed milk
6 pasteurized processed eggs
2 cups whipping cream
2 cups light cream
2 packages unflavored gelatin
1 cup orange juice
1 cup crushed pineapple
1 cup mashed ripe bananas
½ cup maraschino cherries, chopped
½ cup macadamia nuts (coconut or pecans can substitute)
1 teaspoon vanilla

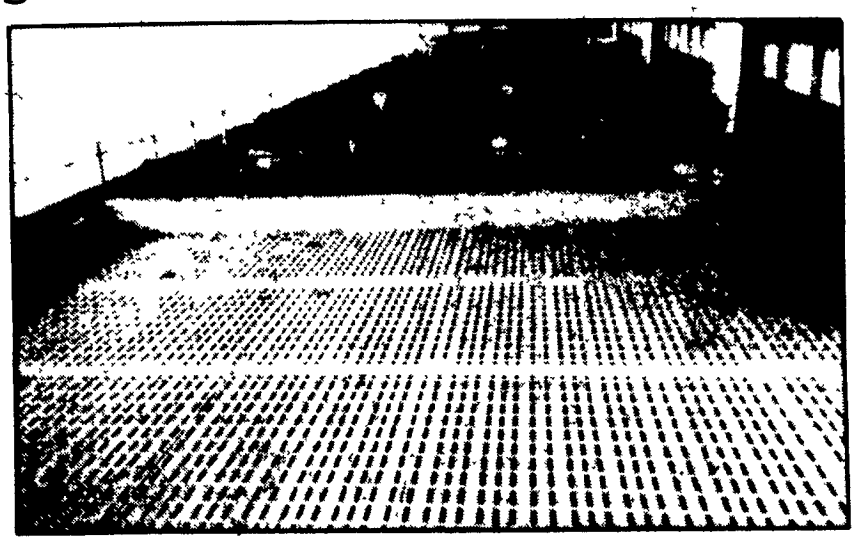
In a heavy saucepan, heat milk until it scalds. Mix eggs, cornstarch, sugar and salt. Stir into milk until forms into a soft custard. Soften unflavored gelatin in the orange juice. Stir this into the custard mix and add sweetened condensed milk. Let custard mixture cool, then add whipping cream and light cream. Stir and pour into freezer. Makes 4 to 5 quarts.

STRAWBERRY ICE CREAM

1 pint heavy cream
1 can sweetened condensed milk
1 can evaporated milk
½ cup sugar
1 Tablespoon vanilla
4 pasteurized processed eggs
18 oz. homemade strawberry jam
enough milk to fill freezer

Mix together all ingredients except milk and jam. When the sugar is completely dissolved and free of lumps, add milk and begin freezing. Add jam when the ice cream is about half frozen. Makes 4 quarts.

• Agricultural • Commercial • Residential



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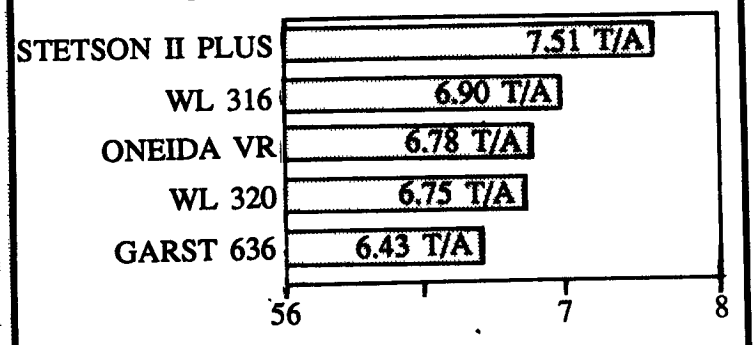

* Chart compiled from Extension Circular #8M1191

DISEASE REACTION

Variety	Disease and Insect Ratings					
	BW	PRR	FW	VW	AN	PA
STETSON II PLUS	HR	HR	HR	R	R	HR
WL 316	MR	MR	R	R	HR	R
ONEIDA VR	R	MR	HR	VR	MR	MR
WL 320	R	R	HR	MR	MR	MR
GARST 636	HR	R	R	R	MR	R

For Information Contact:

The Ohio Seed Co.
800-879-3556

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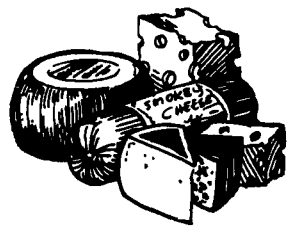
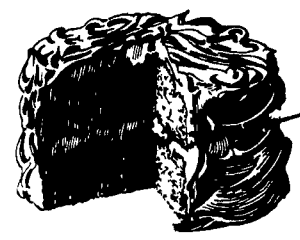


Home On The Range



Food That Says 'I Love You'

February 14 is Valentine's Day. It's a day to say "I love you," in a special way to your valentine.

Traditionally, Valentine's Day is the time to shower your sweetheart with chocolate and rich desserts, but to an ever growing number of people, February is synonymous with heart healthy eating. In 1963, it was the American Heart Association which had February decreed as American Heart Month.

The tug between indulging in chocolates or maintaining a heart-healthy diet continues. Some reach a compromise and choose desserts made with light dairy products, non-cholesterol oils, and sugar substitutes. Others see no harm in indulging in the "real thing."

"Serve me seafood, if you want to say 'I love you with food,'" said one woman, "but don't try that with my husband. Give him raw fried potatoes and cheese."

So this column carries a little bit of everything because food that says, "I love you," translates into a different choice for each person.

CHOCOLATE PIE

2 baked pie shells

Mix together:

2 tablespoons cornstarch
4 tablespoons flour
⅔ cup sugar
4 egg yolks
2 tablespoons cocoa

Add 3 cups hot milk. Boil 1 minute together. Add 1 teaspoon vanilla. Put in pie crust and top with meringue. Bake in 425-degree oven until golden brown.

Meringue:

4 egg whites, beaten
3 tablespoons sugar
¼ teaspoon cream of tartar

Ivy Seyler
Clinton Co. Dairy Princess
Jersey Shore

PUNCH BOWL CAKE

2 layers prepared yellow cake
1 can cherry pie filling
1 15-ounce can crushed pineapples
1 large box instant vanilla pudding, prepared
1 15-ounce can fruit cocktail
1 small package coconut
1 cup chopped nuts
1 large container whipped cream topping

Cut cake into 1-inch cubes and line bottom and sides of large serving bowl. Layer remaining ingredients in the order given, ending with whipped topping. Chill well before serving.

Susan Martin
Romulus, NY

BROWNIE LOVER HEARTS

21½ -ounce box fudge brownie mix
½ cup water
½ cup oil
1 egg

Glaze:

1 can swirl vanilla or milk chocolate frosting with fudge swirl

Heat oven to 350 degrees. Line 13x9-inch pan with foil; grease bottom. In large bowl, combine all brownie ingredients; beat 50 strokes with spoon. Spread in greased pan. Bake at 350 degrees for 30 to 35 minutes or until set. Do not overbake. Cool completely. Freeze brownies 30 minutes.

Lift foil to remove brownies from pan; place on cutting board. Using 2½ -inch heart shaped cookie cutter, cut into 8 to 10 brownie hearts. In small saucepan, melt frosting over low heat, stirring occasionally until smooth; keep warm. Line cookie sheet with waxed paper. Place wire rack on waxed paper. Place brownies on wire rack. Quickly spoon frosting over brownies, covering completely. Refrigerate 15 to 20 minutes or until frosting is set. Decorate brownie hearts with swirl from swirl packet as desired. Makes 8 to 10 brownies.

VALENTINE GIFT CAKE

2¼ cups flour
1⅓ cups sugar
2½ teaspoons baking powder
½ teaspoon salt
½ cup shortening
½ teaspoon vanilla
1 cup milk
5 egg whites

Preheat oven to 350 degrees. Grease and flour two layer pans or an oblong pan. Sift dry ingredients into bowl. Add shortening, vanilla, and ⅔ cup milk. Beat 2 minutes and scrape sides and bottom of bowl constantly. Add remaining milk and egg whites. Beat 2 minutes more. Pour into prepared pans. Bake layers 30 to 35 minutes.

Decorative icing:

2 cups confectioners' sugar
1 egg white
2 tablespoons butter

Beat together ingredients until smooth. Frost cooled cake.

Betty Biehl
Mertztown

LIGHT-HEARTED STRAWBERRY SHORTCAKE

Makes 16 servings

2⅔ cups flour
2 teaspoons baking powder
1¼ cups sugar
½ cup butter
1 teaspoon vanilla
½ cup Egg Beaters (99% egg product)
¾ cup skim milk
3 pints strawberries
8-ounce whipped cream topping

Combine flour and baking powder; set aside.

Reserve 2 tablespoons sugar. In large bowl, beat sugar, butter, and vanilla until creamy. Add egg product; beat 1 minute. Alternately add flour mixture and milk, blending well after each addition. Divide batter between a greased 8-inch round pan and a greased 8x8x2-inch pan. Bake at 350 degrees for 20 to 25 minutes or until toothpick inserted comes out clean. Cool in pans on wire racks 10 minutes. Remove from pans; cool completely on wire racks.

In medium bowl, mash 2 pints hulled strawberries and reserved 2 tablespoons sugar; set aside. Hull and halve remaining strawberries.

Place square cake on large plate. Cut round layer in half crosswise; place cut edge of each half against 2 adjacent sides of square cake to form a heart. Slice round and square layers in half horizontally to make 2 layers. Spread top of bottom layer with mashed strawberries; replace top layer, cut side down. Frost top with whipped topping; garnish with strawberry halves.

SWEETHEART PINWHEELS

2½ cups flour
1½ teaspoons baking soda
½ cup butter, softened
1 cup sugar
½ teaspoon mint extract
¼ cup Egg Beaters
¼ teaspoon red food coloring
Confectioners' sugar
Glaze, recipe follows
¼ cup finely crushed peppermint candies, optional

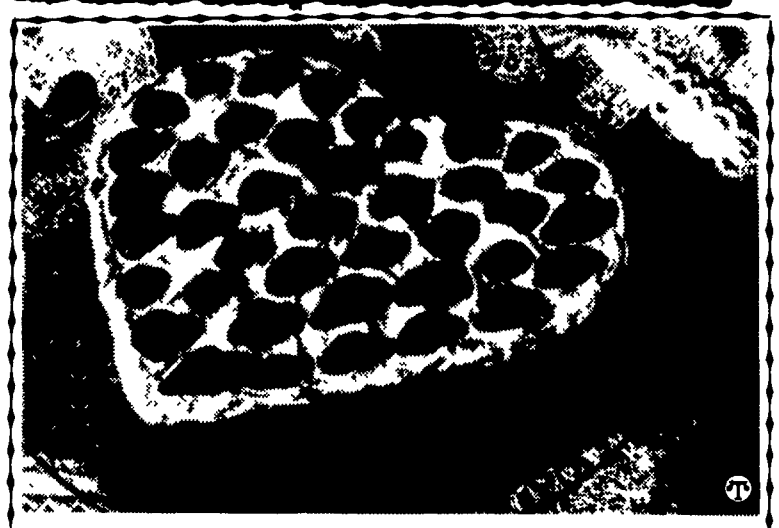
In small bowl, combine flour and baking soda; set aside.

In large bowl, beat butter, sugar, and mint extract until creamy. Add egg product; beat 1 minute. With mixer at low speed, gradually add flour mixture until blended. Divide dough in half; blend food color into half of dough.

On floured surface, roll each half of dough into 6-inch square. Place red square on plain square, gently roll double layer into 10-inch square. Roll up tightly; wrap in plastic wrap and chill 1 hour or until firm.

Cut dough into ¼ -inch slices; place on ungreased baking sheets. Bake at 375 degrees for 7 to 9 minutes or until light and golden. Thinly spread warm cookies with confectioner's sugar glaze; sprinkle with crushed candies, if desired. Remove to wire rack to cool.

Confectioners' sugar glaze: Blend 1 cup confectioners' sugar, 1 tablespoon light corn syrup and 1 tablespoon warm water until smooth. Add additional water, if necessary, until glaze consistency.



The Light-Hearted Strawberry Shortcake is a delicious end to a romantic meal.

CUPID'S GUACAMOLE

5 ripe medium avocados, seeded and peeled
½ medium onion, chopped
1 clove garlic, crushed
1 small tomato, diced
1½ cups Monterey Jack cheese
2 hot green chilies, diced
⅓ cup fresh cilantro, finely chopped
8 teaspoons fresh lime juice
1 teaspoon seasoned salt
Tortilla chips

In a large mixing bowl, coarsely mash avocados with a fork, leaving some chunks. Add remaining ingredients and mix to blend. Garnish as desired with red pepper or color and serve with tortilla chips. Or, as a twist, serve in avocado shells. makes 3½ cups. Preparation time: 5 minutes.

STRAWBERRY DAIQUIRI

2 cups milk
2 cups strawberry, slightly thawed
1 teaspoon granulated sugar
5 ice cubes

Combine all ingredients in blender until frothy. Serves 3.

Betty Biehl
Mertztown

EASY FUDGE

Mix together:

1 pound confectioners' sugar
3 tablespoons cocoa
¾ cup peanut butter

Add 2 sticks margarine, melted

Mix together and spread in pan or roll into balls. Refrigerate.

Betty Biehl
Mertztown

(Turn to Page B8)

Featured Recipe

Fructose is a sweet naturally occuring sugar found in fruits, vegetables, and honey. Fructose is lower in caloric value than sugar and lesser amounts are needed to sweeten foods because fructose is sweeter than sugar.

Because fructose does not produce the highs and lows in blood sugar levels, diabetics use it as an alternative to other sweeteners. Remember, that all calories must be counted and diabetics should consult their physcians.

Both liquid and granulated fructose may be found either in the sugar or dietetic section of your supermarket. It is also available at many health food outlets. If you cannot find it, ask the store manager for it.

The principal commercial source of fructose today is corn. Through the combination of efficient production and advanced technology, corn is used to produce sweeteners at less cost than sugar can be produced anywhere in the world.

For more information and recipes for fructose, write to Illinois Corn Marketing Board, 2415 E. Washington St., Bloomington, IL 61704-4409. Phone (309) 663-0571. Here is a recipe using fructose that is sure to be a Valentine Day's hit.

CHERRY CHOCOLATE TURTLES

16 ounces unsweetened cherries, drained, reserve juice
2 cups crystalline fructose
½ cup butter, softened
2 pounds powdered fructose
8 ounces unsweetened chocolate
1½ cakes paraffin wax
1 cup walnuts, optional

Night before: Soak drained cherries in 2 cups crystalline fructose for 12 to 15 hours.

Next day: Drain cherries again and reserve juice (approximately 6 tablespoons) of the reserved juices to make stiff dough. Roll into balls. Chill for 30 minutes or longer. Cut cherries into ¼ sections. Let drain. Punch thumb print into ball and place cherry quarter in center and roll back into ball. Continue until all balls are filled (7 dozen). Melt chocolate squares and paraffin wax in double boiler. Using ice pick, spear one ball at a time, dip into chocolate mixture, and place on foil to cool. With teaspoon, pour small amount over top to cover hole. While still warm, place walnut halves on top to garnish. Candy will be soft. May be stored in freezer until ready to use. Makes 84 servings.

*Powdered fructose may be made by blending crystalline fructose on high speed in a food processor.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

February

20- Cherry Month
27- Potato Lover's Month

March

6- Cooking With Dried Beef
13- Spinach Recipes

Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

What Type Of Spender Are You?

Many of us who made a New Year's resolution to spend less money have already broken it. Don't wait for next year to get your finances in shape. Reconsider this year's resolution and strategies to salvage it.

Start anew by determining how you really feel about money, and what kind of spender you are.

Cornell University's Consumer Economists say there are five types of spenders. Knowing which category you fall into can help pinpoint your specific obstacles.

Money Spender Type 1 is the consumer we would all like to be. This type buys only what is needed, saves for emergencies, likes to have ready cash, and shops for the best deal.

Money Spender Type 2 buys nothing but the best, believes that expensive clothes are important, thinks you have to spend to get ahead, and that cheap stuff is not worth much.

Money Spender Type 3 thinks nobody ever has enough money, credit is necessary, things you want should be bought NOW, and that "I deserve the nice things in life."

Money Spender Type 4 doesn't worry about money; it will come from somewhere. Keeping track of spending drives this person crazy.

Money Spender Type 5 believes that money cannot buy happiness, that you can have fun without spending money, and that other things are more important than money.

How you spend your money depends on how you feel about money. To some people money is power. To others it means status and prestige. To others it means security. Some people use money to get the things they want in life. Others just want to have enough to pay for day-to-day needs.

Be honest with yourself. Decide which type of spender you really are. It will influence the type of strategy you need to succeed in your financial resolutions.

The ideal spender will combine qualities from Type 1 and Type 5. Other types need to re-examine their attitudes, and make some adjustments.

Type 2, for instance, may want to find ways to make those expensive clothes last longer, and stick to classic styles that will not date, rather than buying expensive new wardrobes each season. "Cheap" should also be redefined. Are designer clothes purchased on sale or at an outlet cheap? Remember the basic tenet of good consumerism: getting the best quality for the best price.

Type 3 is liable to be an impetuous type who needs instant gratification. Saving is not likely to be a habit of this person. This type spender should consider renting, trading, sharing, or borrowing, rather than purchasing, some items, to meet that need for instant gratification without going broke. Also, put limits on credit card use and stick to them.

Type 4 may not have made a financial resolution in the first place, though this type of spender is in dire need of one. This non-planning spender is likely to be plagued by "Phantom money," that $20 bill you had yesterday that is now just loose change though you cannot say how you spent it. This type of individual needs to start keeping records. If you don't know where money was spent, you will never find ways to spend less and save more.

Keep track of the money in your wallet. Cut back or cut out spending on snacks, phone calls, movies, magazines, eating out, and record, book, or videotape clubs.

Other strategies that can help all spending types:

* Look for the best buy. Check several places: a catalog, a newspaper, and two or three stores including a secondhand store before making a purchase.

* Substitute. Ask yourself if a lower-priced item will do just as well. Use store brands and generics instead of name brands.

* Find it free. Use public parks and playgrounds instead of expensive health clubs for exercise. Borrow books, records and videotapes from the library.

Lancaster Extension Plans Winter Workshops

LANCASTER (Lancaster Co.) — The following winter workshops sponsored by the Lancaster County Extension are scheduled at the Farm and Home Center, 1383 Arcadia Rd., Lancaster. For more information on the workshops, write to Agricultural Extension, Farm and Home Center, 1383 Arcadia Rd., Lancaster, PA 17604 or call (717) 394-6851.

• Easy Tailoring For Beginners and Others on March 3, 10, 24, 31, April 7, 14, 21, from 9:30 a.m. to 11:30 a.m.

• Pants That Fit Workshop, February 16, March 2, 9, 23, April 6 at 7 p.m.

• Copies From Your Closet Workshop, March 6, 9:30 a.m. to 2:30 p.m.

• Mastering Zippers Workshop, Choose February 24 at 7 p.m. to 10 p.m. or February 25, from 9 a.m. to 12 noon.

• Re-entry Sewing, April 20, 27, May 4, 11, 18, 25, from 9 a.m to 11 a.m.

• Sewing S.O.S. Workshop, Choose May 4, 7 p.m. to 9 p.m. or May 5, 9:30 a.m. to 11:30 a.m.

• Pattern Grading Workshop Workshop, Choose May 11, 7 p.m. to 10 p.m. or May 12, 9 a.m. to noon.

• Swimsuit Sewing Workshop, May 20, 27, from 7 p.m. to 10 p.m.

• Log Cabin Quilting for beginners, February 22, 7 p.m. to 9 p.m. Or March 1 or 8, 6 p.m. to 9:30 p.m.

• Traditional Finishes For Quilts Workshop, April 5, 12, 6:30 to 9:30 p.m.

• Woven Heart Envelope Workshop for mother and daughters. February 8 or May 3, 6:30 p.m. to *:30 p.m.

• Jacob's Elevator Workshop (quilting) May 12, 7 p.m. to 9 p.m., May 22, 10 a.m. to 3 p.m.

Exchange Students Need Homes

TIBURON, Calif. — Host families are being sought for 25 high school students from France, Germany, Belgium, Spain, Denmark and other foreign countries for the upcoming school year, in a program sponsored by the American International Youth Student Exchange Program (AIYSEP).

The students, age 15 through 18, will arrive late August, attend local high schools and return to their home country in June, next year.

The students, all fluent in English, have been screened by school representatives in their home countries and will have spending money and medical insurance. Host families may deduct $50 per month for income tax purposes.

If you are interested in hosting, please contact the AIYSEP International Headquarters: Office of the Director, 200 Round Hill Road, Tiburon, CA 94920. (415)499-7669 or 1(800)347-7575.

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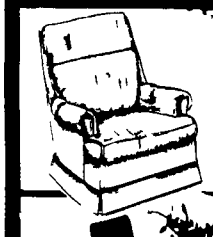

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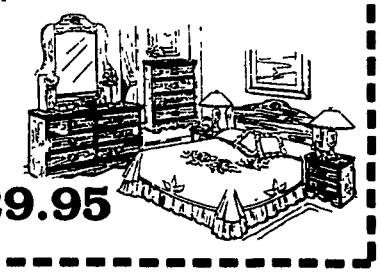

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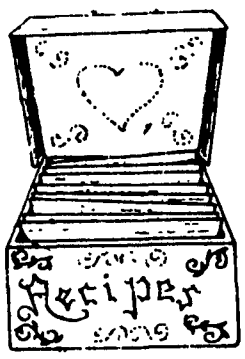

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Alice Steere, Chepachet, RI, would like the recipe for the gravy McDonald's serves on its biscuits and gravy around the Columbus, Ohio area.

QUESTION — Marion Steger, Groton, N.Y., would like the recipes for Aunt Effie's Hillsborough Moist Apple Nut Layer Cake with butterscotch frosting and the Turn-Of-The Century Cake.

QUESTION — Mrs. Glenn Roller, Spring Grove, would like a recipe for pumpkin egg custard and for Ted Rolls.

QUESTION — Norma Eckard, Hanover, would like a recipe for onion bread, which uses yeast and is soft and moist in texture.

QUESTION — Dotty Gaul, Glenmoore, is looking for a recipe for cinnamon twists that taste similar to those sold in Pomeroy's former tea room in Harrisburg. It is a soft, sweetened bread dough with cinnamon and granulated sugar.

QUESTION — Lynette Keaton, Accord, N.Y., would like a recipe to make cornbeef from venison.

QUESTION — Ginny Eaton, Ontario, N.Y., would like a recipe for Reuben Dip, which is used with pumpernickel bread.

QUESTION — A reader would like recipes for using butterscotch morsels.

QUESTION — B.D. Hutschenreuter, Airville, would like a recipe to make a spice similar to Spatina.

QUESTION — B.D. Hutschenreuter, Airville, would like a recipe for bread or cake baked in a large mouth mason jar.

QUESTION — Shirley Martin, Orbisonia, would like a recipe for cup cheese and other good cheese recipes.

QUESTION — This is not a question pertaining to cooking, but Hank and Shirley Schwoerer, Wysox, thought some of our readers might know how to help them. The Schwoerers are senior citizens, but when Hank was young, his parents gave him a spring tonic, which had sulfur and molasses in it. Does anyone know the proportions and the type of sulfur used?

QUESTION — Linda Horning, Narvon, would like a recipe for crab cakes.

QUESTION — Kathryn Robson, Lebanon, would like recipes for leftover dough. She remembers her grandmother used the dough to make milk pie and moshee pie (she is uncertain of the spelling but it had a molasses base. Both pies were small, delicious, and fattening.

QUESTION — Mrs. John Tobey, Millerton, would like a recipe for pumpkin butter.

QUESTION — Nancy Price, Jarrettsville, Md., would like recipes for non-fat or low-fat desserts and those using sugar substitutes.

QUESTION — Theresa Schwantz, Glen Mills, would like recipes for candy using rice or wheat puffed cereal, which is formed into balls.

QUESTION — Trudy Brubacker, Mt. Pleasant Mills, received a heirloom cheese press made by her brother-in-law. She would like some good recipes and tips for using it.

QUESTION — Tammy Forbes of Lancaster, N.H., would like recipes for a non-fat, low-cal French salad dressing and other salad dressings.

QUESTION — Mae Pugh would like a recipe for chicken rice soup like that served at Ponderosa.

ANSWER — Linda McCuean, New Galilee, wanted a recipe to transform plain shredded wheat cereal into the frosted variety and other recipes for cereal. Thanks to Nancy Frey, Annville, for writing that her family likes to eat shredded wheat spread with peanut butter. For a real treat, spread a little honey or molasses on top of the peanut butter. Add milk and enjoy.

ANSWER — Anne Good, Lititz, wanted a recipe for sesame chicken soup. Thanks to Josephine Matenus, Dallas, who writes that this recipe was inspired by a memorable soup first tasted in Taipei. It has its origins in Fujian, only 125 miles from the Straits of Taiwan.

Asparagus And Sesame Chicken Soup

2 pounds chicken
3 tablespoons sesame oil
6 slices ginger root
½ cup medium sherry
½ teaspoon salt
2 cups warm water
1 teaspoon sugar
½ cup button mushrooms, canned
8 fresh asparagus spears

Rinse chicken, remove fat pockets, pat dry and chop into bite sized pieces. Note: if tempted to use breast meat without bones, please don't as bones add flavor and body to the soup. Peel and slice ginger root. Wash and cut asparagus into 2-inch sections.

Braising: Heat wok to medium hot. Add sesame oil. Start braising chicken a few pieces at a time when oil begins to smell. Sesame oil will burn at lower temperatures than other cooking oils, so avoid hot wok. After browning lightly, return chicken pieces to wok; add ginger slices, sherry, and salt. When sherry boils, add water and sugar. Turn up heat, bring to boil, then reduce heat to simmer, cover and simmer for 30 minutes. Add mushrooms and asparagus, simmer for another 15 minutes.

Transfer to covered soup tureen or put plate on top of soup bowl, place in steamer on low, and hold until ready to serve.

You can make this soup in large sauce pan, if wok is unavailable.

Serves 4.

ANSWER — Tina Rzucidlo, Cochranville, requested a recipe for a batter to chicken that tastes similar to Kentucky Fried Chicken, original flavor. Thanks to Nancy Frey, Annville, for submitting the following recipe.

Batter Dipped Chicken

1 cup flour
2 teaspoons baking powder
2 egg yolks
¼ teaspoon salt
⅔ cup milk
1 tablespoon butter

Mix all ingredients, adding melted butter and beaten egg whites last. Dip chicken pieces into batter and fry in deep fat until browned.

ANSWER — J. Waring Stinchcomb, Suitland, Md., requested a dessert recipe that uses a cut-up yellow cake for a bottom layer, pudding, fruit, and whipped cream on top. Thanks to Tammy Forbes, Lancaster, N.H. for sending a recipe.

English Trifle

Layer the bottom of a large glass bowl with bite-sized pieces of cake. Put a can of fruit or a layer of fresh fruit on top. Make a 3-ounce package of Jell-O according to package directions and pour on top of fruit. Set in refrigerator until firm. Make a package of instant pudding according to package directions and spread on top of Jell-O. Sprinkle with colored candies, if desired.

Contributor writes that the possibilities are endless. Here are a couple of ideas:

Yellow cake with strawberries, bananas, strawberry Jell-O, vanilla pudding and whipped cream.

Chocolate cake with canned peaches, peach Jell-O, chocolate pudding, and whipped cream.

Use your imagination!

Also, thanks to Susie Snyder, Thurmont, Md., and to Mary Martin, Annville, for sending the following recipe.

Punch Bowl Cake Dessert

1 (18.25-ounce) package yellow cake mix with pudding
6-ounce package instant vanilla pudding
20-ounce can crushed pineapple, undrained, divided
21-ounce can cherry pie filling, divided
12-ounce container whipped cream topping, thawed, divided
Chopped nuts

Prepare and bake cake according to package directions; cool completely. Prepare pudding mix according to package directions. Crumble half of the cake into bottom of large bowl. A small punch bowl works well. Top with layers of half of the pudding, pineapple, cherry pie filling, whipped cream, and nuts. Reserve a few cherries from second can of cherry pie filling for garnish. Repeat layers, using the remaining cake, pudding, pineapple, and cherry pie filling and nuts. Top with remaining whipped cream. Garnish with reserved cherries.

(Turn to Page B28)

Food

(Continued from Page B6)

BLUEBERRY JELL-O SALAD

1 large box cherry-flavored Jell-O
1 8¼-ounce can crushed pineapple, drained
1 can blueberry pie filling
16-ounces whipped cream topping
1 small package cream cheese

Dissolve Jell-O in 2 cups boiling water. Add 1 cup cold water. Add pie filling and pineapples. Stir. Pour into 3-quart dish. Refrigerate until set. Topping: blend cream cheese and whipped topping. Spread on Jell-O after it is firm.

Dyane Warmke
Belle Mead, NJ

Chocolate Shrub Cheesecake

3 tablespoons melted butter
3 tablespoon Raspberry Shrub
2 cups crushed chocolate wafer cookies
8 ounces cream cheese, softened
16 ounces ricotta cheese
4 eggs
1 cup sugar
¼ cup Raspberry Shrub
2 ounces semi-sweet chocolate, grated
1 cup fresh raspberries

Preheat oven to 325 degrees. Mix first three ingredients and press into 9" or 10" springform pan and chill. Beat rest of ingredients (except berries) in large bowl until smooth. Pour into chilled crust. Bake 1 hour, turn off oven, open door, and cool 15 minutes. Chill before serving, garnish with raspberries.

Strawberry Sauce with the Ultimate Cheesecake

Cheesecake:

2 cups crushed graham crackers
1 stick melted butter
1 cup sugar
2 pounds (four 8 ounce packages) light cream cheese
2 beaten eggs
1 tablespoons vanilla
2 tablespoons cornstarch
1 cup sour cream

Crust:

Preheat oven to 450 degrees. Blend crumbs, butter and 2 tablespoons of the sugar. Press mixture into a greased 9" springform pan. Chill in freezer.

Filling:

Beat cream cheese with remaining sugar, adding eggs, vanilla and cornstarch. Stir in sour cream and pour mixture into crust. Bake at 450 degrees for 10 minutes, then reduce to 200 degrees for 45 minutes. Turn off oven and let cook for 3 hours. Remove sides from pan and chill. Serve with pools of Steel's fresh strawberry sauce.

Raspberry Spiced Pears

½ cup Raspberry Shrub
¼ cup water
1 cinnamon stick
8 whole cloves
1 (2") piece vanilla bean
3 fresh pears, peeled & halved (Comice are best)
1 teaspoon cornstarch in 2 tablespoons water
Slivered almonds for garnish

Mix first five ingredients. Cover and simmer in large saute pan for 15 minutes. Add pears, cover and cook on low for 15 minutes. Occasionally baste pears with the liquid. Remove pears. Bring liquid to a boil. Add cornstarch mixture, stirring until a light syrup forms (this happens quickly). Remove from heat and spoon over pears Top with slivered almonds, ice cream or whipped cream. Serves 6.

Shrub Lemonade

Add 2 to 3 teaspoons of Shrub to your favorite lemonade for a tangy treat.

Ida's Notebook

Ida Risser

Each year at this time in February, I get a large envelope of old Valentines out of a drawer and display them. These delicate greetings are at least three-quarters of a century old.

They are stand-up ones that show lots of roses, forget-me-nots and white doves. There are three or four scenes — one in front of the other. The largest is a 12-inch antique automobile decked with flowers. The children in them wear smocked dresses and the boys knee-length pants.

This year instead of spending all their time on the six tables in our livingroom, I'll use some of them as decorations on a table at a Valentine dinner dance. I've been asked to decorate a table with a large cake and other appropriate items for the occasion.

Even the cake has me concerned as I usually do not ice the many cakes that I bake. You see, I tell myself that frosting would just be that much more sugar that I do not need. When our three daughters were home and baked most every day to keep their three brothers satisfied, they did ice their cakes. In fact, the cakes were often decorated with delicate roses and scrolls. I never learned to use the tools for decorating as they did such a good job by themselves.

For a period of time the youngest girl sold some of her productions as word got around about her ability. Another daughter made lots of dinner rolls and sticky buns for our family. And, now that she has a family of her own, she bakes all of their bread.

Maybe I had better practice baking a cake for us and decorating it before I try to make one as a centerpiece for a Valentine dinner.

Dairy Promotion Offers Student Internship

HARRISBURG (Dauphin Co.) — Students interested in pursuing careers in public relations and marketing should apply for the Pennsylvania Dairy Promotion Program's summer internship. The successful candidate will be involved in Pennsylvania Dairy's summer promotion campaigns for June Dairy Month and July Ice Cream Month. The "Communications Intern" will gain valuable writing and communications experience during the internship period.

"Pennsylvania Dairy recognizes that students need to gain actual experiences in the job market," said Betsy Dupuis, Pennsylvania Dairy Communications Director. "Our internship will give a student hands-on experience in marketing activities, from actual event preparation to media interviews and press tours."

The internship is geared toward students pursuing studies in communications and marketing. An emphasis will be placed upon previous writing and speaking experience. Students with an agricultural background will get special credit for their knowledge of the state's large dairy industry. Students must be in their fifth semester of study to qualify for the internship position.

"Our former interns can attest to the quality of this internship program. A communications intern with the Pennsylvania Dairy Promotion Program will gain many valuable experiences and materials, from brochures to media interviews. I encourage anyone interested in dairy promotion to pursue this opportunity," adds Dupuis.

The internship with Pennsylvania Dairy will be for 12 weeks during the summer, beginning in mid-May and ending in late July, 1993. The successful candidate will be working out of the Pennsylvania Dairy Office, located in Harrisburg.

Interested students should apply for the Pennsylvania Dairy internship by February 26. Applicants should send a cover letter, resume, and writing samples, to Betsy Dupuis, Communications Director, the Pennsylvania Dairy Promotion Program, 2301 North Cameron Street, Harrisburg, PA 17110.

Further information about the internship is available by calling Dupuis at (717) 787-6903.

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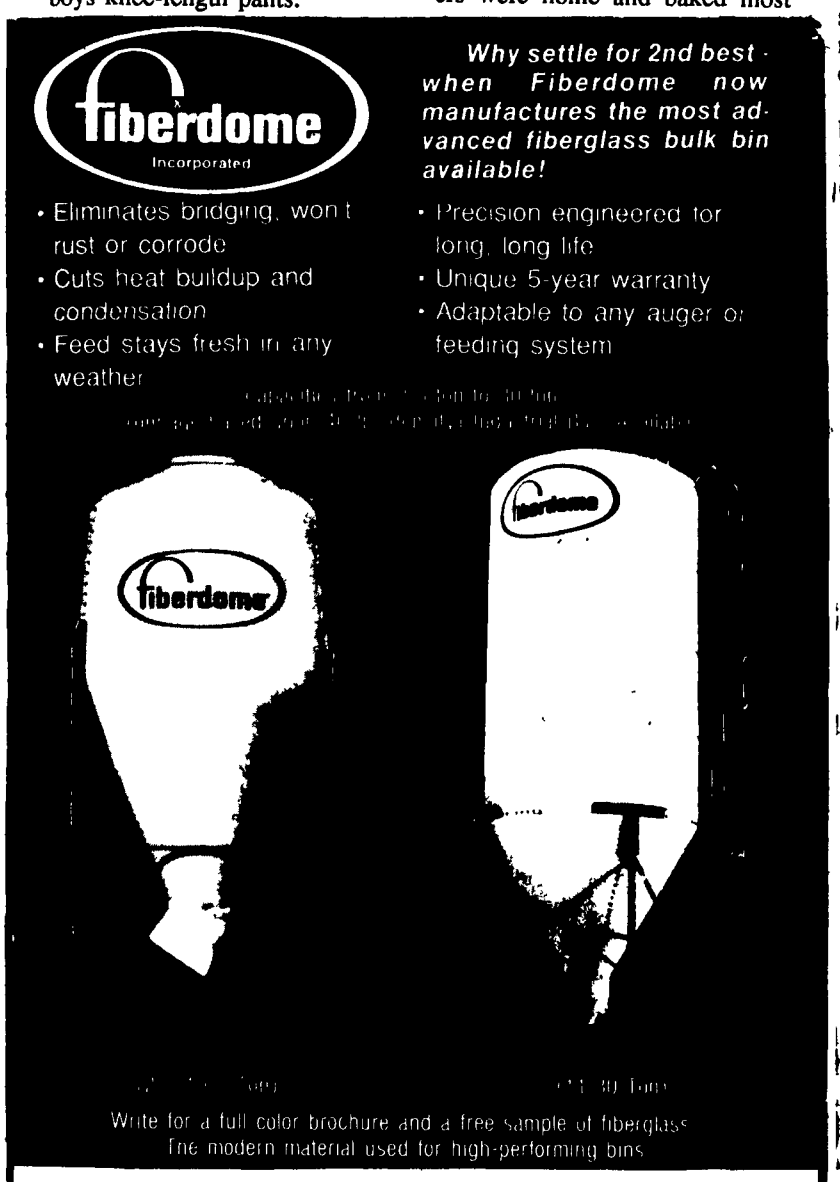

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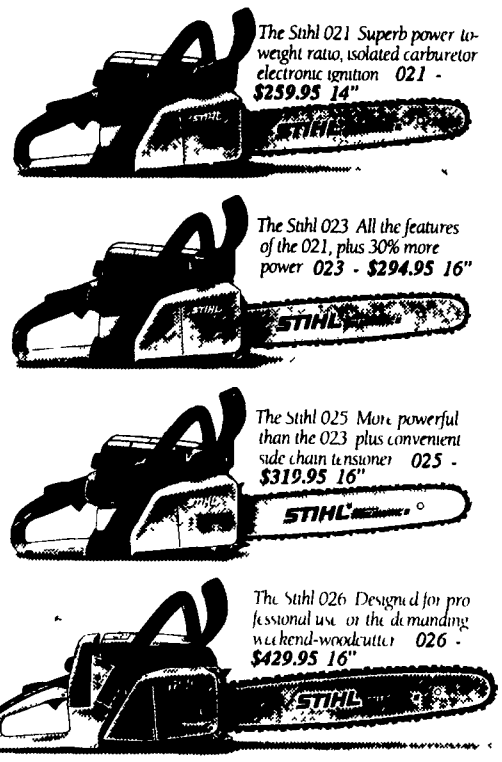

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Kid's Korner

Jokes, Quizzes, Trivia About U.S. Presidents

GAY N. BROWNLEE
Somerset Co. Correspondent

February 15 is a holiday called Presidents' Day. On that day the post offices all around the United States will be closed. So will most schools and banks be closed.

We will honor the presidents of the United States, especially the two great leaders who had their birthday in February.

George Washington, our very first president, was born on February 22, 1732. He died in 1799. He is often called the father of our country. Mr. Washington did great things during his life. You learn about some of them at school.

Abraham Lincoln was the 16th United States president. His birthday was on February 12, 1809 and he died in 1865. Mr. Lincoln is remembered as a great leader who set free the slaves in this nation.

You see, a slave is a person who is owned by another person and must do everything that person says. Mr. Lincoln did not believe that slavery was the right way for human beings to be treated.

We just got a new president. He is the 42nd president of the United States of America. You already know his name.

Now put on your thinking cap and see how well you do with the following quizzes I've prepared about the presidents. Have fun, they won't be graded.

Ask your parents to join the fun. I'm sure they won't know all of the answers without looking them up.

I found some of the information in Mini Pages published by The Universal Press Syndicate in 1988, 1992 and 1993. Then I found a very old World Book Yearbook with torn and tattered pages that also gave me some information. But I made up the Knock-knock jokes.

DID YOU KNOW THIS ABOUT...

- **PRESIDENT GEORGE WASHINGTON?** He was the only president to have a state named after him, and, he was the only president who did not live in the White House.
- **PRESIDENT JAMES MADISON?** He was the shortest president. He was five feet, four inches tall and weighed 100 pounds.
- **PRESIDENT WILLIAM TAFT?** He was the biggest president and weighed more than 300 pounds.
- **PRESIDENT ABRAHAM LINCOLN?** He was the tallest president. He was six feet, four inches tall, weighed 180 pounds and he was the first president to wear a beard.
- **PRESIDENT JOHN TYLER?** He had more children than any other president. With his first wife, Tyler had eight kids and with his second wife, he had seven more.
- **PRESIDENT THEODORE ROOSEVELT?** He had a toy named after him, a stuffed bear called "Teddy."
- **PRESIDENT FRANKLIN D. ROOSEVELT?** He was the only president elected for four terms. He was the first president to fly in an airplane while in office.
- **THE WHITE HOUSE?** It is 192 years old. It was designed by an Irish immigrant, but George Washington is the man who gave all the orders about how to build it. He wanted it to be a great, beautiful house that would stand for ages.

Knock-Knock Jokes

Who's there?
Jackson
Jackson who?
Jackson der the weather today.

3. Knock knock
Who's there?
Monroe
Monroe who?
Monroe a little faster, please.

5. Knock knock
Who's there?
Roosevelt
Roosevelt who?
Roosevelt very sick today.

7. Knock knock
Who's there?
Nixon
Nixon who?
Nixon one team, Bill's on the other.

2. Knock knock
Who's there?
Polk
Polk who?
Polk me again will ya'!

4. Knock knock
Who's there?
Arthur
Arthur who?
Arthur anymore questions

6. Knock knock
Who's there?
Kennedy
Kennedy who?
Kennedy it again, please?

8. Knock knock
Who's there?
Reagan
Reagan who?
Reagan your balance before you fall.

More Fun With U.S. Presidents

What Do You Know About Occupations Of Presidents

Take this little quiz and circle your choice. Check your answers below.

1. Zachary Taylor, Ulysses S. Grant and Dwight D. Eisenhower all had the same occupation. What was it?
   (A) teacher (B) minister (C) soldier (D) engineer
2. Ronald Reagan had this unusual occupation. Name it.
   (A) photographer (B) deep-sea diver (C) model (D) movie star
3. Jimmy Carter helps needy families by doing this work.
   (A) driving tractor (B) building houses (C) collecting food (D) sponsoring walk-a-thons
4. More U.S. Presidents have held this occupation than any other. Can you guess what it is?
   (A) farmer (B) teacher (C) lawyer (D) policeman
5. President Bill Clinton is the current leader of the United States. What did he do before becoming president?
   (A) Governor of Arkansas (B) astronaut (C) airline pilot (D) television star

ANSWERS: 1. (C) 2. (D) 3. (B) 4. (C) 5. (A)

Match The Money To the Name Of The President

MATCH THE KINDS OF MONEY WE USE WITH THE NAME OF THE U.S. PRESIDENT WHOSE FACE IS ON IT BY DRAWING A LINE
(careful now, some are used more than once)

COIN/CURRENCY	PRESIDENT
penny (1¢)	Jackson
nickel (5¢)	Roosevelt
dime (10¢)	Washington
quarter (25¢)	Lincoln
half-dollar (50¢)	Grant
one-dollar bill ($1)	Lincoln
five-dollar bill ($5)	Kennedy
twenty-dollar bill ($20)	Washington
fifty-dollar bill ($50)	Washington

(check your answers at bottom of the page)

ANSWERS: Washington, 5¢, 25¢, $1; Lincoln, 1¢, $5; Grant, $50; Kennedy, 50¢; Jackson, $20; Roosevelt, 10¢

Clearville Woman Accumulates Fair Ribbons

Linda Williams
Bedford Co. Correspondent

CLEARVILLE (Bedford Co.) — Georgia Lee Vore was a city gal when she first began visiting country fairs.

"I began looking at some of the baked products and the sewing and often said, 'I could do that,'" she remembers.

She married her second husband and moved to Bedford County in 1988.

This year, she brought home 13 ribbons from the Pennsylvania Farm Show to add to her rainbow collection of awards already hanging on the wall.

The other ribbons were won at county and agricultural fairs in Bedford, Huntingdon, Somerset, Fulton, Cambria, Claysburg, Williamsburg, Morrison's Cove, and Hollidaysburg.

In 1992, her first year at the Farm Show, Georgia took fewer items and still brought home two first and three thirds. Her chocolate cake for which the recipe follows, earned her a first both years.

Her Farm Show ribbons this year included a first for the chocolate cake and a first for a pair of shorts.

Second place ribbons were for a white cake, yellow cake, carrot cake, chocolate pound cake, apricot cookies, tomato sauce, and a velveteen skirt.

Third places were awarded for her sponge cake, tomato juice, needlepoint picture, and a tied comforter.

While Mrs. Vore used to make all of her own clothes, she now sews mainly for competition. The finished products often go to her daughter who works in a nearby bank.

"I used to work in a fabric store," she explains. "And, I feel I have an eye for color and fabric. I usually get fair books far in advance, then I check out the categories and start sewing."

Baking for the Farm Show begins two days prior to the competition. The judging takes place the Friday before the fair.

"Judging," says Georgia, "is based on appearance in sewing. Judges examine a garment from every angle. It's always amazed me that I sometimes get written criticisms and still get a blue ribbon."

Cake judging is based on general appearance and moistness. "I sometimes don't quite understand why they choose the judges they do," Georgia admits. "I mean what does a radio DJ know about cakes?"

"Jelly," she explains, "is judged totally on taste."

"On the other hand, green beans and tomato sauce are judged only by appearance. No one ever tastes anything."

Georgia is happy to know that the baked goods are eaten after a representative sample is taken out. "At the Farm Show they are delivered to the 4-H kids who are working hard in the animal barns," she says.

"At other fairs, there are auctions for various benefits. I particularly like the Bedford Fair where all of the baked goods are auctioned off for the 4-H building maintenance."

Georgia entered two chocolate cakes in the Hershey Cocoa Contest at the farm show. She didn't win that contest, but there were 59 entries. However, the same chocolate cake took home a blue ribbon in the individual baking competition.

Most of her recipes come from cookbooks she inherited from her mother and she thinks her great-grandmother's sponge cake recipe is the best. It won her a "Best of Show," in competition at Williamsburg, Pennsylvania, last summer.

Georgia and her husband, David, live on a 167-acre farm where they have a few young calves and make hay. They plan to add some sheep and beef cattle to the farm this year.

In addition to entering fair competitions, Georgia collects potato mashers. "I bought one at a yard sale several years ago," she remembers. "Then I decided to buy one for each of my daughters. Looking at them closely, I was amazed to see that each one was slightly different. Now, I find it fun traveling from yard sale to yard sale looking for different potato mashers."

David is a livestock technician for the Department of Agriculture and works in Altoona.

(Turn to Page B12)

Georgia Lee Vore mixes one of her prize-winning chocolate cakes for guests to enjoy.

QUICK TAMALE PIE
6 servings

- 1 pound ground beef
- ¾ cup chopped onion
- 1½ cups prepared salsa
- 2 tablespoons tomato paste
- 1 teaspoon ground cumin
- 1 package (7.5 ounces) corn muffin mix
- 1 cup (4 ounces) shredded Cheddar cheese

Preheat oven to 350°F. In medium skillet, brown ground beef and onion; drain. Stir in salsa, tomato paste and cumin. Mix well. Press into buttered 9-inch baking dish. Prepare corn muffin mix according to package directions; stir in cheese. Spoon over meat mixture. Bake for 25 to 30 minutes or until topping is cooked through and lightly browned.

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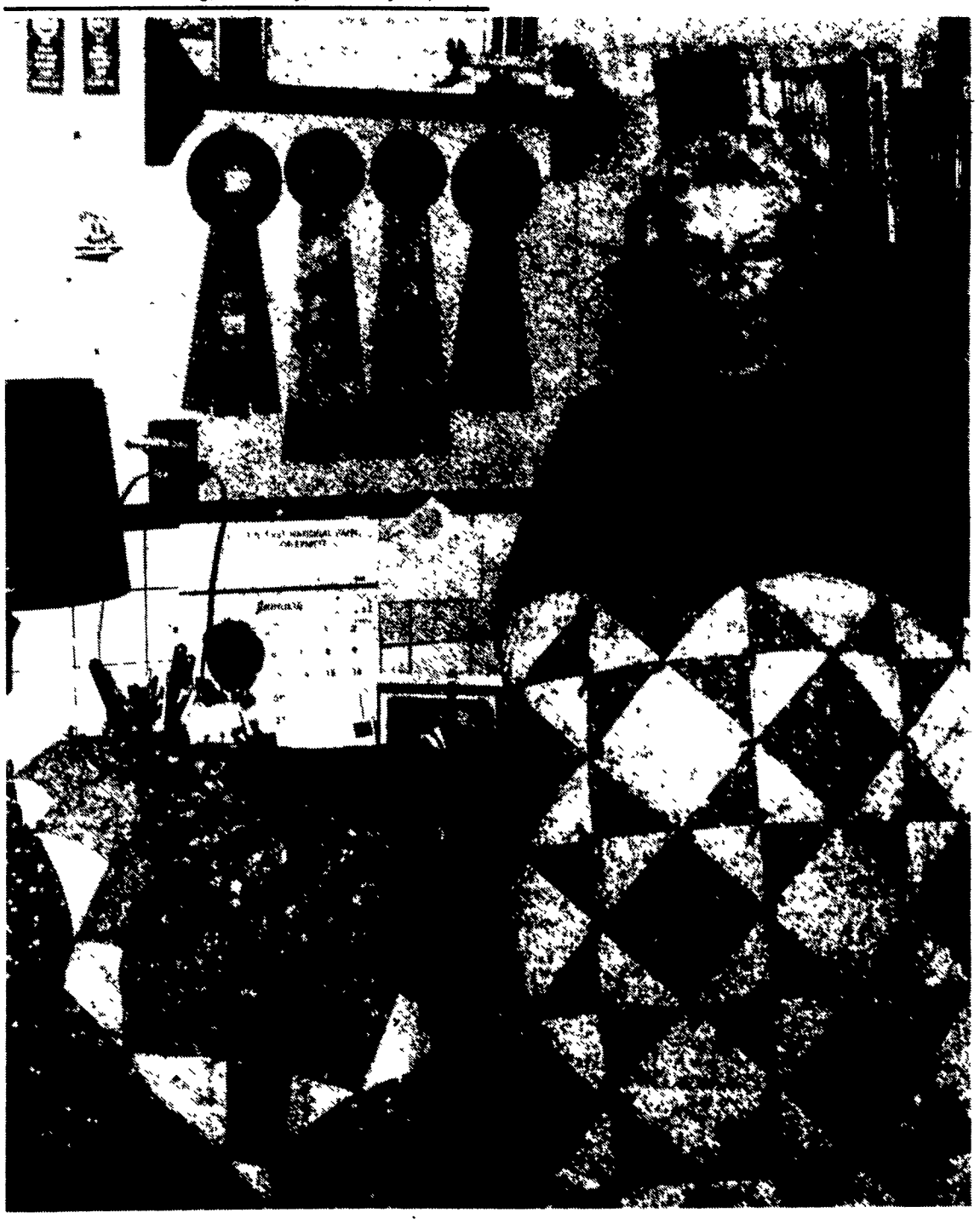

Experience with working in a fabric store gave Georgia an eye for color and a knowledge of fabric that enables her to design award-winning quilts and wall hangings.

Clearville Woman Accumulates Fair Ribbons

(Continued from Page B11)

Following are two of the recipes which won first and second place ribbons at the farm show.

The "Texas Hospitality Cake," is a favorite and the icing recipe is one usually used for gobs. "It's good for cakes because it is not as sweet as some icing," Georgia says.

Texas Hospitality Cake

Put in large mixing bowl:
2 cups sugar
2 cups flour
Bring to a boil and pour over sugar and flour:
1 cup water
2 sticks margarine
4 tablespoons Hershey Cocoa
Beat well and add:
2 eggs
1 teaspoon vanilla
1 teaspoon baking soda
½ teaspoon cinnamon
½ teaspoon baking powder
Dash of salt
½ cup buttermilk

Beat well and pour into greased and floured layer pans. Bake 35 minutes at 350 degrees.

Cake Icing

1 cup milk
5 tablespoons flour

Cook over medium heat (stirring constantly) until thick. Remove from heat and cool. Add:
1 cup sugar
½ cup shortening
½ cup margarine
1 teaspoon vanilla

Beat with mixer until fluffy and you are certain sugar is completely dissolved.

Chocolate Chip Carrot Cake

1½ cups unsifted all-purpose flour
¾ cup sugar
½ cup packed light brown sugar
1¼ teaspoons baking soda
1 teaspoon cinnamon
½ teaspoon salt
3 eggs
¾ cup vegetable oil
½ teaspoon vanilla
2 cups grated carrots
2 cups (12-ounce package) semi-sweet chocolate mini chips
½ cup chopped walnuts

Combine flour, sugar, brown sugar, baking soda, cinnamon and salt in large mixer bowl. Beat eggs, oil and vanilla in small mixer bowl; add to dry ingredients. Blend well. Stir in carrots, mini chips, and walnuts. Pour into greased and floured 13x9-inch pan. Bake at 350 degrees for 35 to 40 minutes or until cake tester comes out clean. Cool completely before frosting.

Dairy Farmers Promote Dental Health Month

HARRISBURG (Dauphin Co.) — February is Dental Health Month and dairy farmers have joined dentists to help promote good dental health to children. The Pennsylvania Dairy Promotion Program and Pennsylvania Dental Association have created a "Dental Health Activity Booklet" for distribution in schools across Pennsylvania.

The booklet is available to school children as part of the Dental Association's Speaker's Bureau. Dentists and dental hygienists are visiting schools to promote good dental health during this recognized month of celebration and throughout the year.

The "Dental Health Activity Booklet" reminds children that they need to eat a healthy diet of foods. This includes dairy products which provide two necessary minerals, calcium and phosphorus, for strong teeth.

Snacking is another critical issue addressed by the activity booklet. Several ideas of "good" snacks are described by the publication. These snacks include cheeses, fruits and vegetables. Research has shown that several cheeses can actually improve dental health because they provide a coating to the teeth which protects them from other harmful elements.

Parents, teachers and others are encouraged to take note of their children's dental health. For a complete presentation about dental health along with the "Activity Booklet," contact your local dentist. Or, contact the Speakers Bureau of the Pennsylvania Dental Association, (717) 234-5941.

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Bread Machines Gain Popularity

Homemade Bread Without The Work

LOU ANN GOOD
Lancaster Farming Staff

LEBANON (Lebanon Co.) — No time to bake bread?

Forget that excuse.

Now, a bread machine does everything for you except measure the ingredients.

That's right. All you need is a couple of minutes to measure the ingredients into the pan; the appliance takes over by mixing, kneading, allowing the dough to rise, baking the bread and cooling it.

Measure the ingredients and set the timer before bedtime, and presto! Wake up to the smell of freshly baked bread.

"Now I don't have a problem getting my family out of bed in the morning. When they smell the bread, they want to get up," said a homemaker during a class on machine bread baking held recently by the Lebanon County Extension.

Another participant said, "At first I felt guilty. I wasn't spending any time making the bread and yet I ended up with homemade bread that tastes just like I spent hours slaving over it."

The bread machines are hot items on the market. Popularity spreads rapidly as happy users tell their friends and share a loaf of freshly baked bread with them.

There are more than 15 different models of bread machines from which to choose.

"Buying a bread machine is just like purchasing a car," said Arletta Schadler, extension home economist. "There are no right or wrong choices. It depends on what features you consider important and what fits your budget."

Prices range from about $100 to almost $400. Features include such items as a yeast dispenser, French or crisp cycles, time and rapid bake cycles, viewing window, and crust color control. Some machines yield traditionally-shaped loaves while others are cylindrical or square.

Most of those attending the bread machine workshop had already purchased a machine. Although there were numerous models respresented, all the owners seemed pleased with their purchases.

The machines include recipes and several bread machine cookbooks are on the market, but the innovative cook will soon want to try different recipes or adapt her own.

Here are some pointers from the workshop:

• Yeast in active-dry, rapid-style, quick rise, and rapid-rise may be used. Bulk or foil packets may be used but cake-type yeast is not recommended. If you buy yeast in bulk form, find out what kind it is and how old it is and label it. Yeast lasts four to six months if refrigerated.

Do not buy more yeast than you will use within a few months. Check to see if it is active by combining ¼ cup warm water, 1 teaspoon sugar, and a pinch of yeast. Stir and set aside for a few minutes. A foam should form. If it does not, the yeast should be discarded.

• Bread or high gluten flour should be used for best performance, but you can use other wheat grains if you combine it with some wheat flour or add some gluten to provide the stretchy protein needed to cause the bread to rise.

• Yeast must have some sugar in order for fermentation to take place. You can use white or brown sugar, honey or molasses. You must make allowance for the liquid if you are substituting honey or molasses. Sugar substitutes do not work. Too much sugar will inhibit rising.

• Fat adds flavor and calories and improves the keeping characteristics. You may use butter, margarine, and oil interchangeably. French bread usually does not have fat and that is why it molds quickly.

• Liquids such as water, milk, yogurt, soft drinks, and fruit juice can be used interchangeably. Water gives a crisper crust while milk results in a softer crust.

• Other ingredients such as spices, fruit, nuts, seeds, cheese, chopped meats, and peanut butter may be added. If added in the beginning, ingredients such as raisins and chocolate chips will become chopped up and spread throughout the dough. Some models have a special fruit and nut cycle or beep when the ingredients should be added at a later time, which allows the raisins and chocolate chips to remain whole. Also, cheese will turn to liquid and give the bread a flavorful taste.

• Bread keeps fresher at room temperature. Refrigeration causes bread to become stale rapidly. Freezing keeps bread fresh for several weeks.

Mae Zimmerman of Bethel, left, peeps into a bread machine as Fran Campbell, center, and Janet Welder, both of Palmyra, examine the models on display.

For those cooks who have a bread machine, here are several recipes to use. If you would like more information about bread baking or bread machines, contact your county extension home economist.

OATMEAL WALNUT BREAD

2¼ teaspoons active dry yeast
2 cups bread flour
1 cup whole wheat flour
½ cup oatmeal, dry
2 teapsoons salt
¼ cup molasses
1 tablespoon vegetable oil
1¼ cups water

Place the ingredients in the pan in the order recommended by your manufacturer.

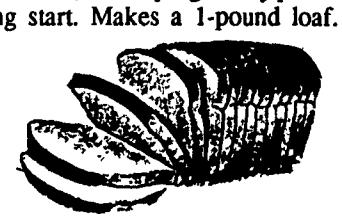
For the 1½ -pound loaf, set the cycle at sweet bread if your machine has one. Use the regular cycle, not a turbo or rapid cycle if your machine had that choice. Near the end of the kneading cycle, add chopped ¾ cup walnuts.

100% WHOLE WHEAT BREAD

1½ teaspoons fast rise yeast
2½ cups whole wheat bread flour
1¼ tablespoons dry milk
1 teaspoon salt
1½ tablespoons butter
1¼ tablespoons honey
2 teaspoons molasses
1 tablespoon gluten
1 cup water

Have all liquids at tepid-baby bath temperature, about 100 degrees. Add ingredients to the machine in the order recommended by your manufacturer. Use the regular length cycle—not turbo or speed cycle. Set at white bread.

This bread should have extra kneading time to give the yeast and gluten a chance to produce a lighter loaf. Some machines have a whole wheat cycle. If yours does not, when the first kneading period is at an end, reset the machine and start again. If you have a clear button, push it long enough for it to be effective, then reprogram by pressing start. Makes a 1-pound loaf.



FLEISCHMANN'S WHITE BREAD WITH VARIATIONS

1⅛ cups cold water
1¼ teaspoons salt
1½ tablespoons butter
3 cups bread flour
2 tablespoons instant dry milk
2 tablespoons sugar
2 teaspoons rapid rise yeast

Combine ingredients according to manufacturer's directions. Process in regular, delayed or rapid bake cycle.

Recipe Variations

Light Wheat: Replace 1 cup bread flour with 1 cup whole wheat flour.

Cheddar Bread: Omit butter and decrease water to ¾ cup. Add 1½ large eggs with water. Add 1 cup grated sharp Cheddar cheese with flour.

Salt-free white bread: Omit salt and unsalted butter.

Oat Date Nut Bread: Add ½ cup old-fashioned rolled oats, ½ cup chopped dates, ⅓ cup chopped walnuts or pecans and ¾ teaspoon cinnamon with flour.

Sweet Egg Bread: Decrease water to ¾ cup; add 1½ large eggs with water. Increase sugar to 3 tablespoons.

Pizza Dough:

Follow recipe for basic white or light wheat bread except omit sugar and replace butter with olive oil. Process in dough cycle. Remove dough. Grease appropriate pan; sprinkle with cornmeal. Roll or pat dough to fit pans. Top as desired. Bake at 400 degrees until finished.

Edwina Eckenroth of Palmyra samples bread made with bread machines.

Arletta Schadler, Lebanon County Extension home economist, compares the different kinds of machines and breads during a recent workshop on bread baking with bread machines.

Lyme Vaccine Discovered

Recently, researchers have made exceptional progress in developing a vaccine for Lyme disease, which may also help in its eradication.

In 1975, researchers have made exceptional progress in developing a vaccine for Lyme disease, which may also help in its eradication.

In 1975, researchers investigated several cases of childhood arthritis in Old Lyme, Connecticut, and determined that they were caused by a tick-borne infection, known as Lyme disease. In 1982, National Institute of Health (NIH) researcher Willy Burgdorfer identified a corkscrewshaped bacteria, subsequently named Borrelia burgdorferi, as the culprit. Animals such as deer, mice, rats, raccoons, and squirrels can harbor Borrelia in their blood without becoming ill. When ticks feed on these animals they ingest the germ, then pass it along to the next animal — or human — they bite.

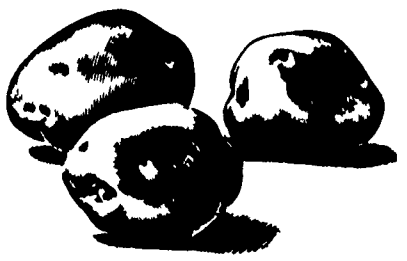
Humans may develop a circular, red area around the bite. Initial symptoms can mimic a mild case of flu. If Lyme disease is left untreated, rashes, arthritis, abnormal heart rhythms, nerve damage, and memory loss can develop. If properly diagnosed, prompt treatment with antibiotics prevents theser late effects.

Although avoiding the woods and wearing protective clothing reduces one's risk, a vaccine could provide long-term protection to people and pets. Vaccine development, however, was hampered by the lack of a suitable animal model — most animals harbor the Borrelia germ without developing the disease. However, after a year of searching, a susceptible strain of mice was identified. Researchers also found that hamsters with suppressed immune systems could contract Lyme disease.

Using these animal models, a vaccine based on killed Borrelia was developed, and in 1990 it was approved to protect dogs. Recently, a vaccine using a genetically engineered Borrelia protein has been shown to be effective in animals. Preliminary human trials began in October, 1992, and if successful, the vaccine may become available within three years.

A surprising, unprecedented benefit of the genetically engineered vaccine is that in addition to protecting the animal, the vaccine also kills the Borrelia within the carrier tick. This opens the possibility of widespread disease control by vaccinating animal hosts, with the long-term goal of elimination of the disease. If so, strollers through the woods one day may not have to worry about anything more threatening than bears and poison ivy.

Medical Milestones is provided as a public service by Americans for Medical Progress. For information about its educational programs or to subscribe to its bimonthly bulletin, Breakthrough, reporting on medical discoveries, cures, and treatments, write AMP at Crystal Square Three, 1735 Jefferson Davis Highway, Suite 907, Arlington, VA 22202; or call (703)412-1111.



Ag Trade Helps U.S. Economy

Farmers help the United States economy by creating a large, favorable trade balance of U.S. agricultural exports over agricultural imports.

The United States is the world's largest exporter of agricultural products ($40.2 billion worth annually).

The United States is overwhelmingly an industrial nation; only 2 percent of the population works on farms. But U.S. farmers are so productive that agriculture still accounts for all U.S. exports. The production from one out of every 2.5 acres of cropland harvested is exported.

The great productivity of U.S. farms allows us to use all of the farm products we can inside the United States, and still be able to sell 69 percent of our wheat, 41 percent of our corn, 59 percent of our soybean products and more than 50 percent of our cotton to earn income in foreign countries.

U.S. farm productivity helps the nation hold strong market shares in the worldwide market for farm products. The U.S. shares of important crop markets are on the order of 37 percent of world wheat exports, 86 percent of world soybean exports and 21 percent of world rice exports.

Looking at it another way, U.S. farmers have developed their exports to a point where 25 percent of the income they generate to keep their operations going comes from foreign consumers instead of U.S. consumers. The huge export industry that U.S. farm productivity is able to keep supplied employs more than a million people in the United States. Each dollar's worth of U.S. farm commodities exported generates about $1.59 in additional economic activity in finance; transportation; warehousing; and farm supply manufacturing, distribution and sales.

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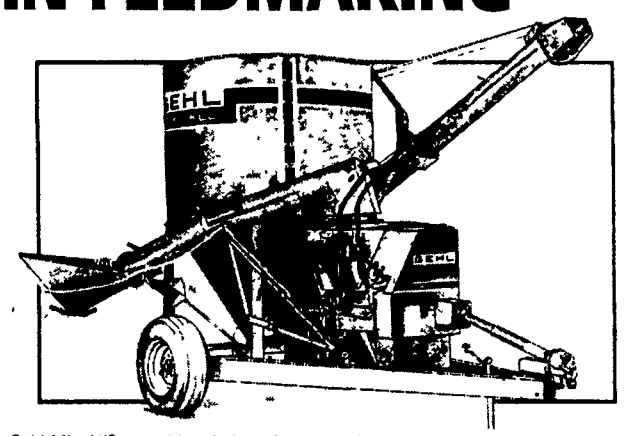

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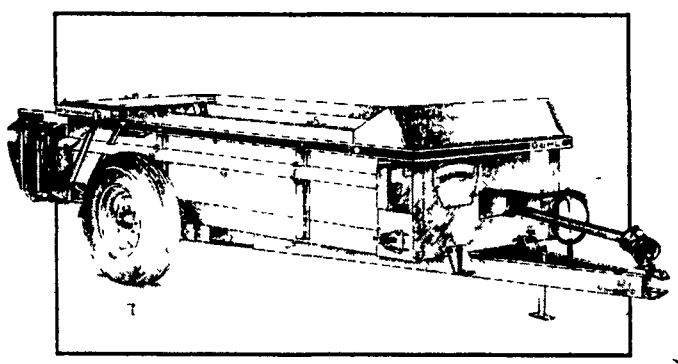
EVEN WHEN IT'S EMPTY...IT'S LOADED



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Indiana Cow Wins National

REYNOLDSBURG, Ohio — The best of the best gathered in Louisville, Ky. at the recent North American International Livestock Exposition for the National Guernsey Show.

Bob Griggs of Seminole, Okla., served as the official judge for the 210 Guernseys shown in the largest of the fall national Guernsey shows.

As he prepared to give the junior champion results, Griggs commented to those present in the ring that this was one of the finest national heifer shows he had ever seen. With that, he went on to name the first place senior yearling as junior champion for her, "advantage in dairyness and being the best ribbed heifer in the show."

Mona Lous Herald Jackie was owned by Joseph Derr and Family of Carey, Ohio.

When awarding the reserve junior champion banner to Sniders Fayette Brett, the first place junior yearling, Griggs said the heifer "has the best feet and legs of any heifer that's been in front of me today." Brett was owned by Aaron Gable of New Enterprise, Pa.

Before he presented the grand champions, Judge Griggs said, "We have a pair of senior 3-year-olds that are a tremendous pair of cows. I can't say enough about them."

He went on to name For Lou Farms Fay Orpha the first place senior 3-year-old and senior champion. She is owned by Adam Sparks of Greenfield, Ind., as the grand champion. Griggs said he admired her style and the way she carried herself through the front end.

The reserve grand champion banner went to Wincrest Vayette Grace, the second place senior 3-year-old and reserve senior champion owned by Mr. and Mrs. John Ayars and Sons and Ken Winters of Mechanicsburg, Ohio. Griggs praised Grace for her tremendous udder.

Four Winds Farm of Hartland, Wis., earned the premier breeder and exhibitor awards. Missouri took first place honors in the state herd contest.

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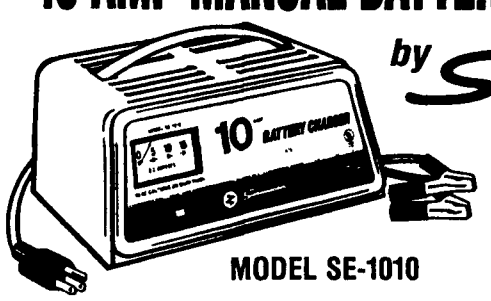

MODEL SE-1010

- Compact, high rate 10 amp battery charger for recharging 6 and 12 volt automobile batteries in 3 to 5 hours.
- Ideal for quickly recharging maintenance free, low maintenance, deep cycle and conventional batteries in autos, trucks, RV's, farm equipment, airplanes and trolling motor batteries.
- Solid state circuitry reduces charging rate to 4 amps as battery reaches full charge.
- Charges 40% faster than 6 amp model.
- Two years limited warranty.

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- Low profile straddle mount.
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- True center line power front axle for 50-degree turning angle.
- Hydraulic actuated clutch adjusts automatically to reduce maintenance.
- Hydraulic wet disc brakes for faster stops.
- Strong AGCO warranty, 100% parts and labor for 2 years/2000 hours with no deductibles (see your White dealer for details).

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G & D REPAIR
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717-865-4915

WITMER'S INC.
Box 368
Columbiana, OH 44408
216-427-2147

MILLER EQUIPMENT CO.
RD 1
Bechtelsville, PA
215-845-2911

STANLEYS FARM SERVICE
RD 1 - Off Rte. 125
Klingerstown, PA
717-648-2088

STOLTZFUS FARM SERVICE
Cochranville, PA
215-593-2407

HOUGHTALING'S GARAGE
RD 2 Box 239
Middlebury Center, PA
717-376-3361

FRANK RYMON & SONS
State Rt. 31 South
Washington, N.J.
908-689-1464

LINCOLN SUPPLY & EQUIPMENT CO.
Somerset, PA 814-443-1691
McCoole, MD 301-786-6800

MAILBOX MARKET
FOR SALE

86 Chevy 4x4 ¼ ton Silverado, V8, 4 speed, tilt, cruise, blue/gray, one owner, ex. cond. 57,000 miles. $8,300. Adams Co. 717-677-9504.

Nice country setting lot 3 mile from 83 South, ready no restriction, two Charolais bred show heifers. 717-244-9381.

73 Ford truck F600 V8 5+2 speed, 7000 Ford tractor, cab, narrow front, make offer 717-354-4616 days. Lanc Co.

350 John Deere L.G.P. 6,500 D-7 Dozer tilt blade $7000. Galion 12½ ton $12,000. P&H 40 ton crawler $10,000. 410-378-2785 or 302-328-5111.

Pygmy Goats Registered babies and 6 month old carmel and grey Aguite Does $200 00 up Easton, PA 215-588-8554 after 5

At Beilers Sale Feb. 26 Mehring's Foot Powered milking machine, swage block, two harness makers. Bench, water ram, advertising signs. Wayne Bickel 730 W Cedarville Rd Pottstown, PA 19464-7316.

Rottweiller male dogs. AKC registered, also 200,000 bty oil fired hot air furnace in good condition. Lanc. Co. 717-442-8149 between 6:00-6:30 pm.

7-Ft. Snow Plow with Cyld for tractor $200. Also ¾ HP. Deep well Jet Pump $100. Bucks Co. 215-968-2507.

1990 Trailer, 4 ft sides, Landscape, electric brakes, 2 gates, 2 taden wheels. You have to see it. Looks new. License 7000 lb. $2500. 609-296-4612

International '74 school bus. Excellent condition, will sell or trade. Prime movers model 15B. Best offer. Camden Co (609) 767-8711.

NH 477 Haybine. Nice, good rolls. $1,800. York Co. 717 266-2582.

203 503 Combine for parts $200.00 each or bo. 205 with heads, good running condition. $1200 or bo. 4RW corn head for 503 $100. Marlin L Renoll, RR 01 Box 52, Seven Valleys, PA 17360-9724.

Mack 1978 10 wheeler with 12 foot Kraus. Lime body, excellent condition. $10,500. Frederick County, VA 703-869-1878

Jeep CJ-7 1983. Brown PS TW Laredo. Interior Am/Fm CB. Snowplow with power tilt. Good condition, 6 cyl. $4750.00 Perry Co. 717-957-4561.

IH Chisel plow, 55, 11 foot good shape. Cumberland County. 717-532-3706.

Morgan Stud service, Mares, Geldings, Broodmares, Broke English Western Sport Prospects Wagon King 2-H Trailer. W/DR $2500. York (717) 235-2950

Cultivators, Plow, Sickle Mower, Drawbars, Sidedressor for Cub 100 series. 3 Pt. 3(14") Plow, 5-dresser for J. Deere, Farmall H. 3 PT. 2R Culti Spinner. Salem Co. 609-358-8625

Case 960 combine (cab available) 10 ft Grain, 3 RNC head. $1500 OBO. 76 Ford 4 sp. Trans $75. CHP TRRO Bilt tiller. $300. 215-845-8629.

Electric Grass seeder, good wooden chicken crates, 1000 board ft Oak In trees blown over North'd. Co. Will saw and load. 717-648-2090.

Herd reduction sale. Pygmy goats. Bucks, does, weathers. Registered and unregistered. 6 wks -4½ years. $75-$300. Lebanon County. 717-933-4978

N H. 478 Haybione Ex. Condition field read. York Co. 717-292-6275.

John Deere 1010 Crawler, rear drive sprokets N O.S. $110 00 Northampton, PA. (215) 261-1015

Ford 8N Tractor All original $2000 000 Firm Gravely 42" mower, $550.00. Schram Air Comp $575.00. Flat Wagon $250 00. Montg Co 215-646-3113.

Good used 250 PSI Labeled 500 gal. Propane tank $495 00. Ready for Propane. Ira J. Stoltzfus. 339A Spring Garden Rd., Kinzer, PA 17535.

Straw for sale 2000 clean bright bales, delivery available, $1.50 at barn Clarke County, VA. 703-837-1684.

3 Angus Heifers 600 pounds $475. Half Hereford Heifer $600. 5 steers 350-500 pounds Starting at $300.00. Lancaster Co. (215) 267-7811.

Hardwood Lumber for sale 6,000 BF Cherry, oak. Aged 12 years. Price negotiable Minimum 50 BF Del. Co 215-885-2251 Eve

1400 board st oka broads 4 years stacked 19 to 6 in. wide yellow pine 2 X 10 15 to 6 foot long creosot fence posts. Jonas Reiff 119 Steinmets Rd, Ephrata, PA 17522.

Holland Pot Planter for planting on plastic or bare ground Like new 814-239-5556 between 6 00 p m.-9 00 p m

Straw for sale at Farm Lanc. Co. 717-665-6082.

Oak and Maple Lumber Kiln Dried 1 in, 2 in, and 4 in thick. Best offer Lanc Co 717-354-7974.

Gro=mor Liquid Fertizer 350 gal 9-18-9 $2 00 at 200 gal 3-18-18 $2 50 at Enos Hoover Lanc. Co 717-354-5415.

John Deere Lawn Dethatcher and Snow Blade 200.00 OBO York Co. 717-292-4663.

silent push mower and gange mower Lapp Sharping Shop 264, Paradise Lane, Paradise Lane, Ronks PA. 17572 North Caboose Motel.

Farm 12 acres Horse or cattle house new vinyl siding 4 bdrs Lg kitchen lg l/r w/fireplace barn Pole barn silo pond 2 car garage Little Britain Tws. Lancaster Co. 717-548-3154.

IH No 10 Grain Drill 1946 Chevy Pick up, 1975 Ford F-700 Cab and chassie 391 5-spd Dau Co. 717-362-8188.

New-leader Lime Spreader 24" spinners, on 1970 white truck with Cummins 903 engine $4900. Franklin Co. 717-352-3213.

Irrigation pipe 4500 ft. 5" wide rain with 28 sprinklers Lanc. Co. 717-665-3229.

77 Oliver Deisel W.F.E Overhauled. Ford three point plow. M.H. 33 tractor. M.H. 82 Combine bad motor. Berks County 717-933-4240.

A.K.C. Keeshound puppies. Asking $140.00 Born Dec 27 Juniata Co Good Pets. Good watch dogs. 717-734-3145.

1979 Plymouth Volare 318, ps, pb, auto Auto AC Runs good $350 Lebanon Co 717-949-3546

1966 Pontiac Bonneville Broughn convertible auto/air, tilt, ps/pb/pt/pn/ps $4300. Needs restoration hit & miss engines +cash considered Paul Sr Ocean Co, NJ 908-367-7546.

Secluded 25 acres (15 open) joins state forest 5 bd 2 ba porch, deck, stream, pond, det garage w/apt, county maintained road, owner financing, $215,000., Allegany Co, Md 301-478-2813

500 gal. milkeeper bulk tank Tank ok $900 Cumb Co 717-776-5726.

TD-9 Seml Diesel Loader Fair runs ok $2900. Firm Perry Co. 717-438-3290

1992 Safari Motor Home 34 ft of Luxury, 460 Ford gas eng, solor charger, generator, low miles. Pike Co. 717-588-6350.

Cherry, oak, maple, Ash, A.D. turning squares. Wm. Degenhardt Hc87 Box 93 Franklin, NY 13775.

PVC Pipe one inch 400 feet schedule #40 $60 00 Warren County 908-852-5784.

Old Tractors. Three JD "B" One JD "H" One Case "VAC" For Parts. Also Ubler 800 Grain Cart 607-746-3597.

9 spd Fuller PIT9509A Trans input & Top shaft 90,000 mile $900 Holland low air slide fifth wheel $200 Lanc. Co 717-733-1446.

Case DC Tractor with 2 row mounted case 420 Cornhusker. Monroe County (215) 681-4305.

WC Allischalmey Tractor, good tires. Needs some motor work $650.00. Clinton Co. 717-748-5047.

Swab Box Type Wagon with wooden axles and Gruber Hay Wagon. Lanc. Co. (215) 445-4988.

Rem 700 Varmint .243 W $350, T C./PA Hunter $250, Stevens 59A .410 $125, Hercules 2400 $75/8# York County 717-225-1536

1969 Scout 4 Cyl with like new snow plow, runs good, needs body work $600 00 Carbon 215-377-0372

2 Rims with 13" center hole has 8-1¼" lug holds, takes tire size 20 x 26" New will fit payloader or combine Franklin Co 717-597-4494

Collectors item 1972 MF Ski Whiz Snowmobile 440 wide track electric start 604 Original miles, excellent condition Cumberland County 717-776-4310

M 7 1105 Tractor, runs good Needs PTO clutch $6500 00 Mifflin County 814-542-8936

1985 Chevy C20 6 2 diesel 8600 G V W auto P S, P B 16" tires, good condition Leb Co call 717-274-1413

Lillston 9680 10' No-Till Drill Very good condition $7,500 3 65# weight jars $150 00 each. 717-776-5672.

JD1½ HP Model Gas Engine $625 00 gas engine magazines. 1975-1990. Best offer 125 Books Hunterdon County Call 7-8 p m 908-782-3350

800 G Dairy Kool Tank Lehigh belt Compressor $3975 00 WANTED. Heardex 120 cow chart Large dog house Leb Co. 717-865-5340

Pop up Pickup Camper. Like new. Also 6 x 12, 4 in. Drop Tandem Skidloader or Stock Trailer with brakes & ramps. Cumberland Co. (717) 423-5987

Howard Turf Blazer 82 inch cut 23 hp. Kohler 2 for the price of one $2000.00. Trailer Zimmerman extra. Bucks Co. 215-355-7852.

2½ month old Jersex Heifer calf $100. 286 Computer 1 meg. Ram, 30 meg, hard drive, moniter, printer $550 Juniata Co. (717) 694-3888.

Automatic Roller mill model 400 with motor and magnet. good condition $1750 Brad. Co Call 717-265-5411 7-9 am or 7-9 pm

Hydraulic Tailgate for truck body, make offer Chester Co. 215-593-6927.

2 Brad Holstein Heifers due March 6 and March 30. Easy to handle. 215-926-5837.

Electric heaters for 220 line, 5 KW, 240 volts Ceiling mount heat 25 x 25 or more, Barely used $45.00 each. Berks Co (215)488-7792

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Rebuilt And Exchange 3208 Caterpillar Engines
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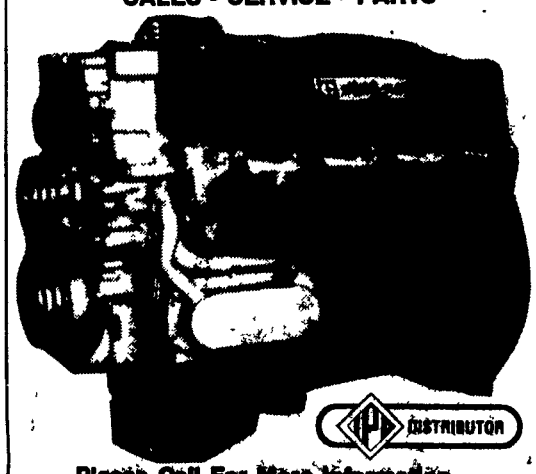

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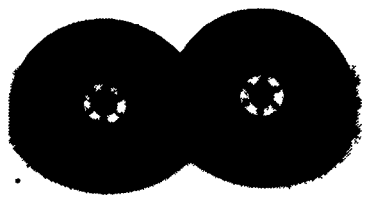
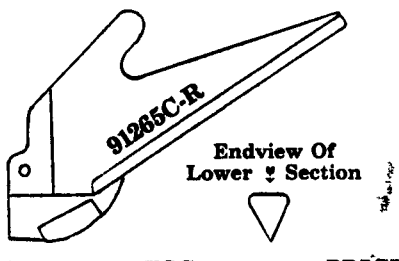


PART #	DESC.	PRICE
90850C92	Disk	$21.98
90851C92	Disk	$21.98
603020R92	Case IH Drill	$13.99
1344911C1	Case IH Drill	$17.99
141464C92	IH Planter	$19.39
B500276	JD Planter	$17.58
107-129S	Great Plains Drill	$22.54

FURROW FIRMING BOOTS AND POINTS



PART #	DESC.	PRICE
91265C1	Std. Point	$9.01
91265CR	Tungsten Carbide	$25.25
1277777C1	Std. Boot	$.
1277777C-R	Tungsten Carbide Boot	$.

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16" $19.00
17" $19.75
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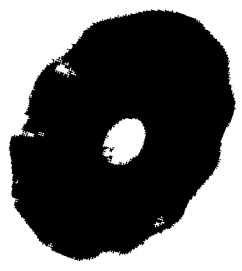

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MAILBOX MARKET FOR SALE

Started calves two black one simmental all nice black white face Heifer priced $125.00 thru $250.00. All sizes. York 428-3124

Potatoes. Home grown, retail, wholesale, N.L. Oberholtzer, Jr. 204 East Eby Rd. Leola, PA. 17540 Lanc. Co. 717-656-8036.

Martin Slurry Spreader, 1500 g, non-moveable auger, great for slurry manure, $1600.00 Lanc. Co 717-367-2116.

JD 60 with Loader, 3 pointkt hitch, Roll-a-matic front wheels, runs good, $2200.00 Fulton Co 717-573-2873

South bend lathe 9x36, 3&4 jaw chucks ½ HP motor, other tooling cast iron base $500. Bucks Co. 215-257-3757.

Allis D-17 gas new tires, belt pulley, 3 pt hitch, nice cond. $3500 JD 4010 gas nice $5900. Crawford Co. 814-967-3223.

Hay mixed 4x5 round bales stored in barn $20 bale. Balto Co. 410-592-5010.

Reg. Nubian doe kid, top qual, exc cone, exc milking pedigree, CAE negative, very flashy kid! $200. Jarrettsville, Md. 410-692-5274.

Registered Percherons mares weanlings ride and drive draft and driving harness, farm machinery, horse drawn. Fred. Co. Md. 301-824-2616.

Pygmy goat kid, born 1-19-93 wethered $65; Buck $85. Also Dwarf bunnies and fuzzy hop bunnies. Berks Co. 215-582-2587.

6V71 Detroit runs needs valve job $500. Trade for slow speed Lister Montour Co. 717-437-3568 evenings.

20 Jamesway Water Bowels $5.00 each.Bull Dozzer 12 V Battery Fence Charger $18.00 Clean Barley Straw 1.50 per Bale delivered, 4" x 16' Auger $30 00 Lanc. 215-445-6402.

Lathe, S-grinder, drill, V mill w/tracer, York Shipley steam boiler, 35 HP w/all equip. v.g c. screw compressor, 250 HP. Blair Co. 814-944-0818.

Hay second cutting mixed $175 bale, 2300 & 2000 4 cylinder engines $250. 49 Ford ½ ton chassis $100. 49 Ford pickup $595. Northampton Co. 215-767-5772.

Three horsepower electric motor single phase $100. Wheat straw $1.50 bale. Alfalfa hay $1.50 bale. York Co. 717-927-9280.

Daisy Red Ryder BB gun, new $39. can UPS, old PA license plates $20 each. drag shovel $75 Lanc. Co. 717-872-5263.

John Deere #1020 WF PS lock diff. 250 hrs on overhaul, 4300 hrs. Live PTO new tires, new paint. Farmall Cub with 5 ft. belly mower, Dauphin Co. near Hbg. 717-652-5412.

Oliver 4 bottom semi mt. plow. NH #33 flail chopper. Massey farm loader, all equip, good cond. field ready. Luzerne Co. 717-379-2477 after 8 pm

Barnsby saddle 18 inch good for exercise $50. Chester Co. 215-444-3885.

Int. 966 tractor radial tires, like, new 3300 hours, new paint. Sch. Co. 717-467-2039.

5 Kinze heavy duty, no-till coulters, ½, ¾, 1, 3,5 HP, electric motors, new or like new cond. 65-70 HP Mitsubishi diesel. Lanc. Co John Zook, 5549 Lincoln Hwy, Gap, PA 17527.

JD post driver $850. Bobcat 500 with Deutz diesel on steel 2600. GE microwave like new $80. Lanc Co. 215-445-6345.

Bright Wheat Straw Rye, Straw No Rain $60.00 A-Ton Fulton County 717-294-3407.

Hitachi 35 volt electric motors, ideal for fishing boats $715. Adams Co. 717-624-2900.

MF 65 good running cond, power steering, hyd. remotes, weights 3600. Chester Co. 215-869-0276.

Maytag automatic dryer $100, ex. cond. Reason for selling, moved to trailer S Chester Co. 215-869-9878.

Quaker State.

ONE TOUGH MOTOR OIL

55 GALLON PRICES

HEAVY DUTY 30	$219.95
HDX 30 DIESEL	$214.95
HDX 15W40 FLEET	$219.95

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PUBLIC AUCTION

FARM MACHINERY, 8 BELGIUM WORK HORSES, 930 CASE COMFORT KING DIESEL TRACTOR W/ PULLEY, EXCELLENT CON'D.

TUES., FEB. 23, 1993

9 A.M.

Loc.: From Strasburg, Rt. 896, May Post Office Rd. 4 miles South, turn right on Weaver Rd. to Winter Hill Rd 1st Farm right. Or off Rt 222 at Hessdale turn East on Bunker Hill Rd., right on Sandstone Rd. left on Stively Rd., left on Winter Hill Rd. 1st Farm left.

1988 - 7140 HESSTON HARVESTOR W/Haylage and Corn Screens, Bevel Grinder;

913 Deutz 160 Hp Diesel Engine w/ Turbo charge, heavy reduction clutch, 722 BRADY CORN FODDER SHREDDER; Ford 60 hp engine w/ reduction clutch & hyd, overhauled last yr., excellent con'd.; 323 N 1 corn picker; 24 Hp Wis. engine & hyd.; NH 311 baler w/ Lombardin diesel, tips 913; two 256 NH rakes, like new; Smucker mower & crimper combination; 30 hp Wis. engine; NH 456 mower w/ diesel engine & hyd.; IH corn binder & loader; NH 402 crimper, 24 hp Wis. engine; 4 Farm Bilt wagons, two 16', two 18', IH 56 two row corn planter w/ herbicide boxes; hyd. lift; 200 gal sprayer w/ motor; NH 32' elevator w/ elec. motor; Drag elevator w/ elec. motor; hyd unit for an elevator, JD 24 disc harrow; Little Britain spring harrow; spring harrow; Oliver 2 bottom 14" plow w/ white horse bottoms; JD single bottom plow; JD rotor hoe; JD 10' ferti. drill; Nicholson hay tedder w/ rubber teeth; cultipacker; Stoltzfus pit spreader, 2 yrs. old; NI 206 manure spreader; 4 fore carts; cattle transport; Blank 8' manure pit pump; two 1000 gal. fuel oil tanks; 6 ton feed bin; 30' hay feeder w/wheels; round hay feeder; 8' & 16' steel troughs; 12' cast-iron watering trough, 6,000 tobacco lath.

8 Full sets of harness; 2, 3, 4, 5, 6, 7, 8 horse hitches; 4 tongues; Lincoln welder; 1500 PSI washer w/ Honda 11 hp motor; Acetylene torch set; welding bench; welding trussels; big vise, 2 bolt bins; parts bin; 2½ hp Kawaski engine.

Milking Equipment: 750 gal. Sunset tank w/ 2 compressors; 3 & 4 hp elec. motors; nice early model Sputnik; 4 Boumatic milkers w/ elec. pulsation; Boumatic milker pump w/ elec. motor; Bender milker washer; 50 gal. elec. water heater; stainless steel twin tubs; bag wagon; copper kettle; 2 silage feed carts

APP. 300 TONS CORN SILAGE; APP. 50 TONS HAYLAGE

Many more items too numerous to mention. NO OUT OF STATE CHECKS. Refreshments available. Sale Order: Starting with small items, then Machinery, Silage & Haylage. Horses & harness will be last. Not responsible for accidents day of sale.

TERMS BY

CHRISTIAN K. & ANNA MARY MILLER

Auctioneers Conducting Sale:
Lloyd Kreider, #513L, 717-786-3394
Randal Kline & Roy Good

KREIDER, KLINE & GOOD
AUCTIONEERS

PUBLIC AUCTION

TUESDAY, FEBRUARY 23

At 9:30 A.M.

At 41 Washington St., Auburn, New York (Approx. 30 minutes from Syracuse Int'l Airport)

WOMENS SHOE MANUFACTURING FACILITY

SEWING MACHINES: Approx. 150 sewing machines, most w/individual motors and stands incl. Pfaff, Singer, Union Special, Sgl. & Dbl. needle, bar tackers, high post, cylinder, zig zag - cutting room including (5) FIPI F63 taveling head die cutters, Schwabe Mod. D and Hudson F40 Hyd. clickers, USM mod. ICM-C mech. clickers, USM Mod. G twin mechanical clickers - Complete stitching and fitting room incl. Kamoga 16" and Fortuna 12" splitters, (3) mfgts. supply and Fortuna skivers, 2 w/vacuum, USM UE-C and Atlas eyeletters, Ensign lacer, marking machines, staplers, kick presses, 500 to 1000 lbs. asst. thread and bobbins and much more - Cementers incl. latex and solvent type, thermo cementers, spray booths and more - Sole making and lasting dept. incl. heel, side and toe lasters, roughers and grinders, trimmers, nailers etc. etc. - misc. raw materials incl. soles, heels, lifts, inner sole material, linings, trimmings, findings, corrugated etc. - plant equipment featuring dust collectors, air compressors, band saw, mill, material handling, etc. offices incl. desks, chairs, file cabinets, blond oak desks, glass front cabinets and more.

INSPECTION: 8 A.M. morning of sale only.

DIRECTIONS: I-81 North to Homer, N.Y. Take Rt. 41 North to approx. 30 miles to Skaneateles. Take Rt. 20 west approx. 7 miles into Auburn. Washington St. is two blocks past the Holiday Inn. Turn right to sale site on left. Follow signs to parking.

Lodgings: Holiday Inn 315-253-4531.

TERMS: 25% deposit on knockdown of bid. All bids payable within 24 hours or prior to removal. All payments by cash, certified check, bank check or company/personal check with bank letter of irrevocable guarantee. All sales subject to N.Y. state sales tax.

Important Note: Please dress warmly. This is a cold building.

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Check the proper box and fill in your name and address. Attach your check, $19.00 per year or $36.00 for two years in PA, MD, DE, NJ, NY, OH, VA and WV. (All other areas - $29.00 per year, $56.00 for two years.) Payment must accompany order. Allow three weeks for delivery. No phone subscriptions accepted.

• CHANGE OF ADDRESS?

Please give us 3 weeks advance notice. Cut label from current paper and attach in space provided; write in your new address below. Changes will be made as close to requested date as possible.

• RENEWALS

To insure proper credit on all renewals please attach your mailing label from current paper to space provided and check the proper box below.

• OFFICE HOURS

Monday, Tuesday, Wednesday & Friday, 8 a.m. to 5 p.m.; Thursday 7 a.m. to 5 p.m.

When writing us about your subscription please attach your Lancaster Farming mailing label here and mail the whole form to:

LANCASTER FARMING,
P.O. Box 609, Ephrata, Pa. 17522
Phone: 717-626-1164 or 717-394-3047

PLEASE SEND LANCASTER FARMING:
(Check Appropriate Boxes)

☐ $19.00- 1 YEAR ☐ $29.00-1 YEAR
☐ $36.00- 2 YEARS ☐ $56.00- 2 YEARS

☐ NEW SUBSCRIPTION ☐ RENEWAL

NAME _____

ADDRESS _____

CITY _____ STATE _____

ZIP + 4 _____ COUNTY _____

NON-REFUNDABLE

MAILBOX MARKET AD FORM

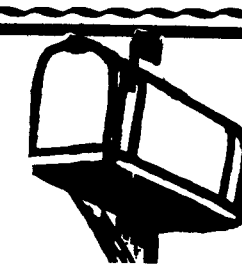
Only ads submitted on this official form will be published in our mailbox markets.

Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:
For Sale____ Notice____ Wanted____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



FREE TO SUBSCRIBERS ONLY

PLEASE READ ALL REQUIREMENTS BEFORE FILLING OUT FORM!

Requirements:

1) Subscribers allowed "one" free Mailbox Market per month only.
2) Lancaster Farming Mailing Label must be attached.
3) Limit: 20 words.
4) Phone number must include area code.
5) Your County must be included.
6) Markets must be received in office by Monday or will be held until following week's issue.
7) No Business Ads accepted.

** The Lancaster Farming staff has the right to reject any Mailbox Markets that do not meet these requirements. **

Mail To:
Lancaster Farming
Mailbox Markets
P.O. Box 609
1 E. Main St.
Ephrata, PA 17522
No Phone Call Please!

MAILBOX MARKET FOR SALE

Cattle, bred beef cows, 3 reg Angus, 2 Angus/ Simmental cross, 1 Charolias due March-May. Luzerne Co. 717-235-2696 or 717-864-3770.

8 Holstein grade heifers ready for breeding, Polaris Indy 400 snowmobile ex. must sell Perry Co. 717-438-3070.

Albino chuckers, wanted Ringneck pheasant breeders David Barket, RD #2 Box 1087 McClure, Pa 17841 717-543-5645 Mifflin Co

Wheat straw 400 lb. round bales stored inside $10 per bale Call after 5 00. Berks Co 717-933-4831.

Feeder calves, ten steers, five heifers, 400-500 lbs. Bucks Co. 215-257-2377

2 30 ft. x 6 ft. Montone dump trailer and 1951 Chev. caryall can be restored. Harford Co. 410-734-7405.

1985 F-250 4x4 6-cyl. air auto cap, good cond. 90K $5500. 1985 Chev C-10 6.2 dsl auto. $3995. Berks Co. 215-323-2677.

1986 Ford ¼ ton F-150 6 cyl OD $3800 OBO. 1980 Chev ¾ ton S-Side 350 4 spd. $1400 OBO. 609-629-6595.

2 gas powered ground tampers $100 ea. David Bradley walk-behind tractor with mower needs motor $50. Dauphin Co. 717-545-9289 after 5.

Hay, orchard grass alfalfa mix, no rain. 1.75 per bale, can deliver. Berks Co. 717-933-5232 after 5 PM.

Reg. TWH black mare show prospect very quiet, loads easy, Ebony's Senator blood line asking $1200. Franklin Co. 717-328-5713.

1977 Ford 4 speed, 2 speed overhauled 21000 GVW, 900 tires, powewr take off. Wanted: Chain link fence. Franklin Co. 717-369-3304.

14 piece 5 ply stainless steel cookware set. Lifetime guaranteed. $360. 12" stainless steel electric skillet. Union Co. 717-922-1502.

Tractor tire 14.9-38, 6 ply $75. Broilers, feeders $3 Fountains $4. Bucks Co. 215-536-9290.

Large 3 yr. old pony, sorrel color carb broken Dauphin Co. 717-692-3908.

Assortemtn of 10 electric heaters, 220 volts, removed from church, Perfect for milking parlor. Westmoreland Co. 412-238-5158.

John Deere 1250 three bottom plow, Union Co. 717-922-1313.

Semen tank Apollo SX18 and box with everything $275. Franklin Co. 717-532-7837.

1984 Toyota truck long bed, 4 wheel, air stereo, looks like new $3900. Northumberland Co. 717-275-4252.

Thoroughbred gelding 15.2H, 12 years, shown extensively by young teen, Fox hunts, trail safe, well manered. Asking $3,000 N.W. New Jersey 201-948-5383.

Winco 12 KW PTO generator on trailer $425. Col. Co. 717-784-8154.

1974 C60 Chevy cab & chassis 350 motor 48,000 orig. miles 1,250. Fort Royal, Pa. Juniata Co. 717-527-4442.

1954 Jeep CJ-5 231 Buick V6, needs installed have all parts extra motor goes with 717-438-3396 Perry ask for Doug.

Pulley driven buck saw fits Farmall type tractor $150. Leb. Co. 717-867-1329.

Building stone from house foundation, York Co 717-252-3564.

Snow plow frame new fits 1990 Chev. 250 or B.O. Semen tank VR16 Union Carbide like new $250. OBO. 908-832-5296.

Black Findly dual Elmira cookstove with water tank $800. Lanc. Co. 717-656-4092.

JD 2010 dozer diesel w/ loader bucket v/g shape $6,700 OBO. Lanc. Co. 215-445-6674.

Pair of tractor chains fits 11.5x38 tires $50. Chester Co. 215-869-3824.

Farmall A Cult. $100. Sicklebar mower $100, vac. lift $50 McDeering parts Binders 7', 10' PTO $50 ea. York Co. 717-246-1738.

Morbark busy beaver model 100 disc chipper, 24 HP Onan engine, like new $6000. Columbia Co. 717-784-7831.

Restorable 1974 Intl. ½ t pickup, good body, over $1,550. Recent repairs, have receipts, best offer. Berks Co. 215-926-3841.

Reg. OH mare 15 yrs. 15H good brood mare and trail horse, not for beginner $800 717-889-3441. Sch Co.

1st cutting timothy, orchard hay, green color, made young, no mold $110/ton delivery avail. Sch. Co. 717-345-4109 eves.

John Deere 7000 minimum till 4 row 30 inch dry fertilizer, corn planter. Columbia Co. 717-799-5277 very good.

New beater for JD 44 spreader, good gear box one arm Ford laoder Fayette Co. 412-438-4836 in eve.

Oliver 1755 with power shift, 2 remotes, 3 pth, 2100 orig. hours, good cond. $5600. Badger tanker 3000 gal. $2500. Ches Co. 215-932-0221

Steward shearmaster EW311 clippers, new $125, New Front disc blades for miller Disc 14 $17.50 ea. Franklin Co. 717-263-0659.

1¼ bushel plastic picking containers, 19"x19"x10½" five dollars each. Write Zion Vineyard, 94 Willard, North East, Md. 21901.

Oliver 4-18 roll-over plow JD 485 mower crimper, Kuhn teddere 4 star IH 584 like new after 6 pm. 609-268-1840.

Ford 801 tractor loader PS live PTO, 3 pt. hitch, 6 ft Bush Hog fresh valve job, ex cond. Lease av. Lanc Co. 717-569-4375.

EFM hot water boiler, coal stoker and oil comation worm feed, 4 years old. 717-374-4401 Snyder Co.

2 Holstein heifers, vac. fresh April & May $1050. each. 9N Ford 3 pt. mower, runs good rubber $1300. Call eve. 814-542-9517.

2-11"x28" Tr. tires, 7'3 pt. blade, 11"x38" tr. chains, 10'-18' S.S. chute 6' S.S. chute, 4"x16' auger MF 7' mower, 20' Cardinal elevator, North'd Co 717-758-3108

GT 370 grain dryer $1500, Taylorway 12'xHD disc, 28" discsa $5500, NI 41' elevator offer. Harford Co. Md. 410-836-1722.

Peachbottom slate approx. 14 square $750 for all or best offer Simeon King, R2 Box 309, Delta, Pa 17314 York Co.

1951 Diamond T grain truck 15' dump bed $900 or best offer. Berks Co. 215-488-1220.

Barn fan 48" with louver $200 OBO. Meyers snow plows $300. Gravely snow blower $200. Cecil Co. 410-398-7680.

Firestone Town & Country snow tires P205/75R15 studded mounted on 88 Chevy Caprice rims, 85% tread asking $75. Bucks Co 215-343-6856.

John Deere 410 round baler, good cond. Carroll Co. Md. 410-756-6708.

JD 5 ft. rotary $375 Ford 48" 3 pt. finish mower LN $450. Bush Hog HD 5 ft. rotary $375. Dearborn-Danuser rear blade $250 York Rake $350. Bucks Co 215-847-5907.

Hobbs. traveler irrigator 960' hose, water turbine drive, Nelson 150 big gun, ex. cond. $13,500 Lanc Co 717-569-9961.

Gravley tractor with mower, snow blower, rotary plow, cultivator, plow, rototiller and extra dual wheels, good shape. $900. 717-354-1132

1970 Buick Skylark $750 OBO, 2 antique pedestal sinks, bucketa day coal stove, never used, antique well driller, York Co 717-382-4754.

Rye seed & straw, stone from house foundation Ford F350 dual wheel rear end, roof slate Perry Co 717-789-3979

Pa. auto license plates 1910-1930 $20 each, new Bushnell 3x9 rifle scope $40, apple crates $2 50 Lanc Co 717-872-5263.

30" Zimmerman Fan: 5,000 egg Lincoln incubator and hatcher, ex. cond Lanc Co 717-733-7809

1150 Massey Ferguson tractor, only 200 hours on complete engine overhaul, set of duals, asking $10,000 or best offer 814-344-9946.

Next boxes for rabbits, well built $4.00 each 10 or more $3.50 each Berks Co. 717-933-5507

New Idea manure spreader #17 ground driven new paint floor $1400 Pony cart harness, saddle, lines $125 York Co 717-938-2115.

MF 205 industrial tractor & loader 3 cyl. diesel 6' bucket, good shape $3000 Chester Co 215-486-6653

Purebred holstein bulls (10-20 mos), dams w/ records to 27,500m & 1150f, priced to sell, delivery possible Franklin Co 717-597-3770 or 328-5487 or 328-3530

IH 826 diesel, hydro with cab, WF, 3 pt, dual PTO, ex. cond $8750 Neg Leb Co 717-469-0356 after 5 p m

McCormick series 100 pitmanless mower combination with Meyers crusher $500 Also Pequea semi liquid tank spreader with spinner and auger $750. Lanc Co 717-656-8636

Gehl 600 forage harvester with grass & corn heads, also White 8600 combine with corn & grain heads, Montg Co. 215-723-6307

Mennonite top buggy $500 PTO driven corn sheller $850 Cumb Co. No Sunday Calls. 717-486-7194

Cast seats ice saws, oil cans, porcelain license plates write Stuart Turner, R1 Box 67, Pleasant Mount, Pa 18453. Wayne Co

John Deere 999 horse drawn corn planter with fertilizer attachment $400. Samuel Burkholder Lanc Co 717-354-6405

Hitzer coal stove with jacke good cond used two years $350 or best offer Lanc. Co. 717-354-5983

Suzuki 125cc ATV 4 wheeler, front rack, nice condition, all original, never raced, only 550 miles, $850 OBO. Pottstown, Montg Co 215-287-6316

6 inch by 6 ft. manure pump total height 12 feet Somerset Co Jonas Z. Kinsinger, RD 1 Box 36, Meyersdale, Pa 15552.

2-55 gal. drum trailer sprayer w/pump $175. Loader for WD45 or other AC tractor $450. Luz. Co. 717-256-3452.

Rye straw $60 a ton at my barn. Lanc. Co 215-484-4557

Small stock trailer, new tires, new floor good cond Call 215-869-7126 asking $800.

Farmall gas tractors 706 $2,500. 460 $2,000 John Deere trailer plow 5-14's $300 International plow semi-mounted S-16's $1000. Schuylkill Co 717-668-3289

John Deere A tractor as is, early 1940's good rear tires 13.6-38 make offer. Lanc Co. 717-464-2107

John Deere #25 Combine, Self powered 4 cyl. Continental engine. New Canvas Last used Fall 1992 for soybeans. Hunterdon County (908) 782-1725.

S/S Cragars 14 inch 3,000 miles on tires. $500. (717) 367-0895.

New Incubator for Rheas Imus or Ostrich with Hatching Tray Monroe County. Call 717-992-7246 anytime.

Inter 225 S P Haybine Good condition, Surge Pipeline Milking System, 20 cows, Jamesway 300 Gal Milk, Tank Carbon Co. 717-386-5678

J D F350 4 bottom semimount plows spring coulters, sidehill hitch 10' E-Z flow spreader-excellent Lyc Co 717-745-3305

91 F-450 Diesel 26,000 miles, 9' Eby grain box, hoist, gooseneck hitch, tool box, 3 way tailgate, like new 814-367-5468

Ford 4000 Industrial Tractor 3 Cyl. Gas, Bad transmission, will sell complete or any major part, Vester Co. N.Y. 914-691-2301.

Horse barn 12'x20', insulated, lined with tack and storage area $1500 or BO Lanc. Co. (717) 442-4259.

4 HD Round Baler feeders, Brut 300 Sandblaster. Aux. Hyd. Kit for 1845c loader, 46 IH Baler. Mifflin Co. 717-899-7929.

FARM DISPERSAL

JEFF & BARBARA KNECHT
ULSTER, BRADFORD CO., PENNA.
Having decided to discontinue farming we have been commissioned to sell on

FRIDAY, FEB. 26th, 1993
@ 10:30 A.M.

at the farm on Ghent-Black's Pond Road - from Ulster & Rte. 220 cross the bridge go up Ghent Hill - 3 miles - turn right - 1 mile to farm or 4 miles west of North Rome. Watch for Arrows.

83 HI-GRADE HOLSTEIN CATTLE 83

47 mature cows in a good flow of milk, 10 fresh in last 30 days, 10 springers balance in all stages. Cows have size, good udders and feet & legs, will go home and work for you. 8 bred heifers for fall, 20 open heifers, 8 started calves - 30 day blood and T.B. tested - Vet Examined - Shot with Horizon 9 - Catalogs at ringside.

TRACTORS AND MACHINERY

J.D. 4020 diesel, snychro, 38" rubber; recent motor overhaul; Farmall 450 2 pt. hitch, P.S.; Farmall "M"; New Holland 890 For. Harv. w/ electric controls, 2 row corn head & windrow head; NH 479 haybine; NH 275 baler w/ thrower; NH 55 rake; 3 bale wagons; Gehl 640 S.U. wagon 3 btr. & roof; Lamco S.U. wagon; Gehl 1500 round baler; 40' skeleton elevator; Papec blower; Gehl MX 65 grinder mixer; FORD 151 4x16 SPRING RESET PLOW; Oliver 3x trailer plow; J.D. 16' transport drag; 14' transport disc; 12' cultipacker; J.D. 1240 plate planter; Ontario Grain Drill; 2 N.I. manure spreaders (1 flail); 14' 4" auger; FORD LT 11 LAWN MOWER; Hammermill; bale fork; fuel tanks; N.I. 290 mower-conditioner; Feed carts, etc. **TRUCKS:** 1973 Chevy shortbox pickup; 1966 Chevy 1 ton stake body; 1979 GMC 4x4 pickup for parts.

MILKING EQUIPMENT: DeLaval 1250 gallon bulk tank & compressors w/pre cooler.

PRODUCE: Some haylage; 200-300 bales 2nd. cutting; 200 bales 1st. cutting; 75 round bales; 30 round bales mulch.

SPECIAL: 12x65 home with 12x40 factory built add on; makes like double wide; a nice home; 4 bedrooms; kitchen, living room & bath.

TERMS: CASH OR GOOD CHECK
OWNERS:

JEFFREY & BARBARA KNECHT

SALES MANAGERS AND AUCTIONEERS
GLENN P. SHORES — TOWANDA, PA. — 717-265-8280
HOWARD W. VISSCHER AU959L — NICHOLS, N.Y. — 607-699-7250

LUNCH AVAILABLE

AUCTIONEERING
COMPLETE EXCEL SERVICE

PUBLIC AUCTION

THURSDAY,
FEBRUARY 18, 1993
4:00 PM

Selling Merchandise Owned by Several Persons At the Mt. Pleasant Mills Fire Dept. Social Hall
DIRECTIONS: From Harrisburg Travel North on Rts. 11-15. Just North of Liverpool, Turn Left on Rt. 104. Continue to Intersection of Rt, 35. At Traffic Light Turn Left. Proceed ½ Mile. Turn Left.

ANTIQUES & COLLECTIBLES

Mahogany High Boy; Oak Dresser/Mirror; Oak Bed; Jelly Cupboard; Night Stand/Towel Bar; Limed Oak Bedroom Suite; Quilt Frame; Quilts; Hand Pump Vacuum 1902; Twig Rocker; Post Office Letter Sorting Case; Boy Scout Bugle 1930; Shoe Shine Bench; Shoe Shine Box; Potty Seat; 2 Ice Cream Chairs; Shounhut Piano; 2 Gingerbread Clocks; 4 Ft. Steer Horns; Wooden Whaling Ship Model; Avon Bottles; Wood Adv. Boxes; Hired Man's Bed; Tobacco Boxes & Tins; Winchester Box; Cash Register; Wicker Bird Cage; Baker & Coffee Tins; Kero Lamps; Oil Lamp Wall Bracket; Doll Bench & Cradle; Child's Wheel Barrow; Child's Bone Handle Knife & Fork; Tin Drum and Tamborines; Clay & Other Marbles; Hooked Rug; PRR Tin Cup; Peck & ½ Peck Measure; Blue Agate Pieces; Graters; Gig Light; Mr. Peanut Salt & Pep; Candle Molds; Oil Painting of Roses By Rette R; Adz; Chain Water Pump Decorated Housing, Bellefonte; Dated Iron Fork, 1853; 2 Pc. Iron Lead Pot; Octagon Soap Box; Old Cast Wood Stove; 4" Doll Made of Soap - Lancaster Soap Co.; PRR Books; Miner's Lamp; BOOKS: Red Ryder Crisis by Winston Churchill; New Berlin Religious Book By Rev. Hartzell; Edgar Allen Poe; 1928 Game News; 2 Adams Rose Plates; 7 Fostoria Tumblers, 2 Lg. Fostoria Cake Stands; Fostoria Rose Bowls; Iron Stone Meat Platter; Goblets; Glasses; Mugs; Misc Depression; Moustache Cup; Sandwich Glass; Presidential Spoon; Admiral Dewey Spoon; Iron Stone Willoware; Club Aluminum; Pluto Water Bottle; Pepsi Syrup Tin; Brass Candle Stick & Sconces; Elec. Peg Light; Tole Coffee Pot; Sausage Stuffer 1876; Wooden Shoe Stretchers; Early Hatchets; Cookie Cutters; Early Kitchen Items; Metal Pan Scraper.

BOTTLES

MILK BOTTLES: Engles; Glenlock; Wehrs; Selinsgrove, Harnsburg; Williamstown; Minersville; Beyer; Wilson's & Others, Old Masons & Other Jars; Soda & Beer Bottles; 2 Very Old 3 Piece Mold Whiskey Bottles; Medicine Bottles; Amber Milk Bottle; Bear Bank; Baby Plates; Fire Engine Candy Container; Hen Candy Container; Apothecary Jars; and More...

HUNTING LICENSE AND FISHING RODS

1921 Hunt License-Paper Only; Metal Hunt License, 1924, '35, '36, '37, '41; Other License 1942 through 1950; Doe License Mifflin Co. 1963, 19650-'69, '72, '75; Duck Stamps 1950-56, '59, '64, '66, '76.

BASEBALL CARDS

4 Rare Recruit Little Cigar Cards: W. Arlington Latham, NY Nationals; Mike Simon, Pittsburgh Nationals; Henry Severold, Cinn Nat; Rebel Oaks, St. Louis Nat.; 3 1959 World Series Cards; 69 1959-60 Cards includes Carl Yestrzmski Rookie Star, Stan Musial, Roger Maris, Billy Martin, Casey Stengel; Ernie Banks, Micky Mantle/Ken Boyer Rival All Stars; 100s Football Cards 1978-80; Amco Political Pins Set of 40, 1972 Issue.

Only a Partial Listing-Merchandise Arriving Daily - Many Surprises. Owners and Auctioneers Not Responsible for Accidents. Eats and Seats.

KENNETH E. HASSINGER
R.D. #2, Box 108-B
McClure, PA 17841
(717) 658-3536
AU-001532-L

NEIL A. COURTNEY
R.D. # 1, Box 75
Richfield, PA 17086
(717) 539-8791
AU-002651-L

PENNSYLVANIA AUCTIONEERS ASSOCIATION

PUBLIC AUCTION

ANTIQUES - COLLECTIBLES
FURNITURE

SUNDAY, FEBRUARY 21, 1993
1:00 P.M.

At "Little Haps" Action Auction, Rt. 22 Marketplace (Ollies East) Approximately 7 Miles East Of Harrisburg, PA. (Paxtonia Exit 26E Off I-81).

A Quality Sale Of Antiques, Collectibles And Furniture Consisting Of: A 76 Pc. And A 32 Pc. Set Of Haviland Limoges China (Both France And U.S.), 20 Pcs. Of Noritake, A Beautiful Large Cut Glass Vase, 17 Pcs. Of Early Canton Type Dishes, Oriental Ginger Jars, Fine 47 Pcs. Blue And White Dinnerware Set (England), Victorian Pickle Castor Set, Depression Glass, Large Bronze Statue ("The Scalp"), Old Store Scales, Pair Of Figural Candelabra Lamps, 3 Pc. Marble Pedestal, Extra Nice Victorian Beaded Jacket, HB Water Pitcher, Lead Glass Windows, Early Wooden Clothes Dryers, Figural Umbrella Stand, Brass Victorian Parlor Lamp, Old Floor Model Radio, Early Cast Iron Owl Bank, Early Strong Box Safe w/Key, Plastic Aunt Jemima Cookie Jar, Arcade Game, Quilts, Selection Of Restored Floor, Table And Hanging Lights, Gas Station Air Dispenser And More.

FURNITURE: Large Early Emp. Poster Bed (Complete), Super 4 Pc. Oak BR Suit, 3 Pc. Marble Top BR Suit, Super Victorian Mirrored Door Wardrobe (Walnut), Victorian Marble Top Washstand, Victorian Marble Top Oval Parlor Table, Mahog. Tilt Top Table, Round Victorian Parlor Table, Victorian Stencil Dresser, Mahog. Gov. Winthrop Desk w/ Claw Feet, 3 Pc. Mahog. Parlor Set w/Claw Feet, Mahog. Lamp Tables, Pine Jelly Cupboard, Early Pine Baby Cradle, Early Blanket Chest, Early Plank Seat Bench, Mahog. Bow Front High Chest, Cast Victorian Hall Rack, 5 Pc. Walnut BR Suit, Oak High Chest, Set Of 4 Oak Claw Ft. Chairs, Round Oak Ped. Table, Set Of 6 Oak Fiddle Back Chairs, Oak Dresser w/Mirror, Oak Lamp Tables, Oak Victorian Wardrobe, Oak Flat Top Desk, Victorian Organ Stool, Asst'd Rockers, Pair Of Ribbed Decorator Chairs, Unusual Flat Top Table w/ Phonograph, Victorian Platform Rockers, Pair Of Single Mahog. Beds, Deco DL Table, 4 Pc. Maple BR Suit, Plus More.

TERMS: Cash Or Approved Check. Next Antique And Collectible Sale — Thursday, March 4, 1993 - 5:30 P.M.

AUCTIONEERS: John And Tom Golden
AU 2851 - 2584
(717) 540-0339 OR (717) 652-3525

MAILBOX MARKET
FOR SALE

1963 Ford Econoline pick-up, body good, $1295. 20 hp 72 VDC+ Motor. Excellent for Electric vehicle conversion. $650. Cost $1650. Adams Co. 717-677-6721.

Hustler 275 mower, 72" cut hydro, Kohler engine, excellent condition $2800.00 Ford 14 HP Diesel Tractor 48" mower, only looks $3800.00. Del County 215-358-0725

John Deere 350A 350,000 BTU Kerosene heater, $300 Chester County (215) 647-4190.

6000 lb. Clark Forklift and 10,000 lb. Yale Forklift in excellent cond Both have dual wheels. Cheap. Clinton Co 717-726-6894.

1957 Autocar Tandem Tractor Cumming, 5&3, runs good, good for restoration $2500.00. Bill Fletcher, Rt. 227, Trumansburg, NY 14886 1-800-426-7981.

Reg Trottingbreds 2yo Sorrel Filly $400, 1yo Sorrel Colt $200. Wanted: 3PT 2 Row Dearborn Cultivators. York Co. 717-697-1779.

Used market wagon, fiberglass shafts, 12V lights, $400 MC 1 PR picker, $300. Jonathon Beiler, 1663 Noble Rd , Kirkwood, PA 17536.

Calhon Fertilizer spreader pull type 1½ ton $1500. 5 I-H Plow Coulters $50 each. Wanted 7 x 14.5 tires. Col. Co. 717-799-5425.

1988 Ford Super duty truck, 39,000 miles, 460 engine, 12 ft bed, 40 in. sides, $10,000.00 Bedford Co. 814-766-2397.

Wood Burning Furnace 141,000 BTU, 1300 CFM blower, 24"W x 40"H x 42"L, 1 year old, $550. Bucks Co. 215-297-8079.

Belgian Draft Horse 5 yr old mare, chestnut with blonde maine-tail Very gentle. Montgomery Co. 215-287-0415

(1) 20 acre field (2) 100 acre hay field, each with mobile home Rent-lease-share In Somerset County. (3) Farms for sale-rent-share NY-NJ.S.C.PA Jules c Mars, Box 12406 Phila., PA 19151. 215-877-4275

Bee Equipment, 6 hives, 12 supers, 50 frames, 2 helmets, 2 veils, foundations, gloves, smoker and jars $250. Perry County. 717-789-4127.

Kubota 4 wheel drive tractor, model M6950 DT with 1850 loader, 2744 hrs, excellent condition Berkeley Co., WV, 304-754-7615 after 6.

Mealmaster Wood/coal cook stove, white enamel 2 plate lift top, fire box warming shelf. Adams Co. 717-334-0828

Good rear, trans. and radiator for 1600 loadstar, $75 ea. 1962 Int. 4x4 antique Chevy dump trk. for parts $95. Montg. Co. 215-539-5045

Wheat straw $55 ton; D19 Gas AC Tractor with 4 bottom trip plow $2,800. Franklin Co. 717-349-7551.

4 55lbs. Universal Milkers with surge minicup II claws, 2 s.s pails, s.s. dumping station, make offer, York. After 7:00 p.m. 717-862-3318.

Carriage excellent condition, brown interior, theropain windows, fiberglass box. B K Stoltzfoos Jr, 3773 E. Newport Rd, Gordonville, PA 17529.

Carriage w/new paint, 2 bottom hyd. plow, flat bed wagon, hay tedder, fore carts, 9' narrow, propane light & cabinet. Dauphin County. John Smucker, R.D. #1 Box 419, Lykens, PA 17048.

Ford Belt Pulley $75.00 A.C. Blet Pulley $20.00 #120 Roller Chain $8.00 per ft. Wood saw $45.00. Franklin Co. Phone 717-597-3480.

354 Perkins 6 cyl. Diesel. Runs good. Good oil pressure, fits alot of different combines, tractors, trucks. Lanc Co. 717-872-6819.

3-point cultivators, $150; heavy duty pull type McCormick disc, $225; NI sickle bar 7' pull type mower. York Co. 717-229-2192.

Haybine 479 Good cond. Wis 10 hp. engine, 4 row rolling cultivator $250. Lancaster Co. (215) 445-5994.

Good used antique brick and roof slate, size 9 x 18. Also older bathroom equipment. All pieces 65.00, steam radiators. John M. Martin 499 W. Maple Grove Rd., Denver, PA 17517.

10 x 12 A-Frame dog house with 4 foot runs, also 6 x 8 roadside stand. Ervin K Stoltzfus, 5996 Buena Vista Rd, Gap, PA 17527. Lanc Co.

Alfalfa Hay 2nd cutting. $1 50 per bale. Dauphin Co 717-944-3620.

Antique radios (wooden and metal), old scales (beam, butcher, platform) antique Lab. apparatus etc, etc, etc. Beilers Feb 26!

Cub Cadet 124 12 hp 48" Deck 3 speed, completely restored, new paint, decals, engine gone over, new seat etc. 867-1472.

Purebred Pygmy Goat Kids. Billie Priced to go now! Others coming soon Parents on premises. Lancaster County Call (717) 733-9209 evenings.

Wisconsin Engine 2 cyl. or will trade. Lanc. Co. Call eve. 717-656-4842.

2 Large Springing I.D. Grade Holstein Heifers Al Bred 442-9126 6:30 to 7:30 am or 3:30 to 4:30 pm.

J.D. 7000 corn planter 30 x 4 monitor, extras, crawler track wheels with rubber blocks 20x66, also open center 15x59 wheels. Bedford Co. (814) 766-2754.

AKC Keeshound pups ready Feb. 15, 109 East Millport Road, Lititz, PA 17543. Best offer. M/F 717-367-7989 or 717-626-0177. Call 6:00 pm - 7.00 pm.

AQHA gelding, 9 y.o., excellent trail horse, has been haltered, clips, loads, no vices, sorrel 4 white socks & blaze, 15.2 hs. Dauphin Co. 717-469-2715.

1972 Ford 66 pass bus. Excellent heavy duty 361 engine Needs some body work Northumberland Co. Call 717-286-0926.

IH #14 Five Bar Hay Rake, New J.D. Van Brunt grain drill boots metal and rubber. Union County 717-966-0278.

Sunbeam model 520 clipper, excellent cond $95.00. Wanted-Kuhn hay rake. Amos Stoltzfus 201 Memorial Rd., Lititz, PA 17543. Lanc. Co.

Honda Generator 5000 110-220 Amp. Also Bag convevor 20 ft. Two 12 ft Aluminum eye beams all in good condition. Lanc. 717-665-7175.

Scotch Highland Cattle. Hardy Docile Lean Beef for free. Brochure, Roger Jestel 223 L Moul, Hilton, NY 14468. 716-392-9062.

AC WD45 new paint & tires, sharp. $1800, 20' gooseneck flatbed, good condition, WD45, WD, WC & C. Parts & equipment. Lanc Co. 717-284-2640.

J.D. #22 crimper, steel rolls, good condition. Benuel Blank. Jr. 506 Paradise Lane, Paradise, PA. 17562.

clover seed, $75 a bushel. Lanc. Co. 215-445-5707.

Full size pick-up truck, bed liner like new. $125. Pine Grove, Schuylkill County 717-345-8651.

Commerial Swimming pool equipment. 8 step high stand, 15 ft board, 15 ft slide, 5 pool ladders. All $1000.00. Schuylkill County 717-345-8367.

Treated Fence Post, 3½, 6½. $2.00 each. For rent, 10 acres pasture. Myerstown. Lebanon Co. 717-866-7863.

Used white alum sliding storm windows, 4'h x 5'w with screens, 2 storm doors, not white. Montg. Co. Call after 5 pm 215-723-7567.

1000 gal Poly tank, $400.00. Wanted: Amish open buggy exc condition. Emanuel B Stoltzfus, RR 03 Box 87, Honey Brook, PA 19344-8618.

2 PT10 Hesster Haybines, working order $850 each. $1500 both o.b.o. York. 717-432-5661 after 7 pm.

Broach set, No. 40 Dumont, $195.00; 8" H.D. Lathe Chuck, $75.00; Milling attach. For large Lathe, $95.00; Lebanon Co. 717-273-3982.

Gehl 920 Forage Wagon, $2000. Berks County 717-866-7720.

Myers Snowplow pump, $35.00; Electric heating mat for hogs, Dog houses, $35.00; 10 pc. carving set, $10.00; combination lock $6.00. 216-733-7044.

4 Antique turned porch posts with spindle trim and brackets, $50.00; N.H. 401 crimper, $700.00. Berks Co. 286-9682.

Hay and wheat straw for horses. Can deliver with pick-up. Mt. Joy, Lanc Co Phone 717-653-4416.

Two Ritchie automatic water fountains w/elect. heat element $100 ea. JD #8- 7' mower, good cond., $250. Center Co. 814-364-1337.

Guensey Cow. Fresh 1-3-93. Good family. Rufus Z. Martin, 1105 Kramer Mill Rd., Denver, PA 17517. Lanc. Co.

GTodan Self feed coal heater Cost $1200. Sell $600; 15 ft insulated 6 inch chimney, $100. Schuylkill Co. 717-366-2938.

Two teams Bay Clydes. Well broke. Have been used in lead and swing of six hitch. Centre Co. 814-349-5791.

Horse Harness, $100.; Pony Harness, $100; Good shape. Ship UPS. Lebanon, PA 717-272-6819.

N.I. No 17 Manure Spreader, $695; Bale Thrower Wagon, $375; J.D. 494 Corn Planter, nice $450; N.H. Bale Thrower, $200; Lanc. Co. 717-653-5926.

350 feet used Farmway gutter chain in good condition. Call 814-355-2943.

Longhaired Peruvian guinia pigs 2-4 wk. old. Lanc. Co. Phone 717-859-2374.

Farmall H, rebuilt transmission, new battery, with snowplow and 5 ft. woods mower, $1150. Firm, Bucks Co. 215-346-8404.

Holstein cow, fresh one week, make good family cow, 510 INT Drill, York Co 717-637-4887.

Oliver Superior Wood box grain drill, JD #480 haybine, IH 6 ft. disk, JD 290 Corn Planter. Bucks Co 215-536-3308.

87 F150 6 cyl 4 spd bed liner stereo 75000 mi. Nice $5700.00. Shetland, Jacob Rams Ewes, clean colored spinning fleeces. Chester Co. 215-255-0295.

NH 489 Haybine, very good condition. Lanc. County 215-286-6059.

AUCTION **MON., MAR. 1, 1993**
4:00 P.M.

Grocery, Bakery, Deli & Butcher Equipment

Located at Hershey's Market (Formerly King's IGA) along Rt. 30 approximately 7 miles east of Lancaster, Pa. (Watch for auction sign.)

Ice Cream Machine; shelves; walk-in freezers & coolers; compressors; meat & dairy cases; shopping carts; pizza oven; checkouts; butcher & deli equipment; slicers; meat grinder; computing scales; grocery & bakery equipment; M/4830 box crusher & baler. No small items, complete list in next Sat's paper. Feb. 20. Information phone 717-687-7402.

HERSHEY'S MARKET
(Formerly Kings IGA)

AUCTIONEERS APPRAISERS

Auctioneers
Ron Funk AU314-L **Gordon Ressler AU-1575**
Paradise, 442-4279 **Paradise, 687-7402**
★ AUCTION SERVICE SINCE 1961 ★
For free confidential auction estimate call:

AUCTION **SAT., FEB. 20, 1993**
9:00 A.M.

ANTIQUES, HOUSEHOLD GOODS & GUNS

Located at 24 Caroline Street, Lancaster, PA. (Watch for auction signs)

GIBSON 2-DOOR REFRIGERATOR; 5 pc. breakfast set; air conditioner; Kenmore microwave oven; Carnival dishes; **KENMORE WASHER & DRYER;** old gas enamel stove; PRR lantern; school desk; **OLD ROCKING HORSE;** meat saw; copper bottom pans; bench; card table & chairs; 4 oak chairs; block plane; work benches; old tricycle; 2 drop leaf pine tables; bird cage & stand; wagon; **ZENITH COLOR TV WITH REMOTE & CART;** 3 alabaster lamps; end tables; blankets; drop front desk; **AMERICAN ELECTRIC STAIR GLIDE & CHAIR;** drum table; stoneware mug; redware crock; oak library table; child's blocks; bird books; recliner; electric fans; flower stand; **SHARP VCR;** hassock; magazine rack; baskets; cow bell; **OAK ROCKER;** rubber dolls & toys; drop leaf coffee table; sofa; hen on nest; Christmas items; 1858 jar; pin cushion; **CHILDS BARREL BACK ROCKER;** Dick Tracy cap gun; cedar wardrobe; wash stand; 2-door cedar lined wardrobe; shoe shine kit; **HIGH BACK BED;** canes; luggage; **G.E. PORTABLE TV WITH REMOTE;** 2 dressers with mirrors; GWTW lamp base; single bed; marble top dresser; TV trays; childrens books; vacuum; metal porch chairs; **WICKER FLOWER STAND;** fishing pole; razors; radios; agate measure; step ladders; knife set; ironstone ware; coffee maker; pie plates; barometer; Dustbuster; mixer; cart; hand & garden tools; crocks & jugs; kitchen appliances; flatware; roaster; **MARX TIN TRUCK INNER CITY**-nice; compote; glassware; dishes; plus more.

GUNS

32 Remington rifle; Civil War 6 shot pistol; 32 caliber Europe pistol.

Estate of:
CLARENCE E. THEIS
24 Caroline Street
Lancaster, PA

TERMS: Cash - No Out of State Checks.
Good Food Available

All Statements made day of auction take precedence over all previous advertising.

AUCTIONEERS APPRAISERS

RON FUNK AU-314-L **GORDON RESSLER AU-1575-L**
Paradise, 442-4279 **Paradise, 687-7402**
★ AUCTION SERVICE SINCE 1961 ★
WE want to be your auctioneer!
For free confidential auction estimate call
717/442-4279 or 687-7402

PUBLIC AUCTION

Blacksmith Tools, Lumber, Woodworking Tools, Boat, Oak Roll Top Desk and Fabrication Shop Tools

Saturday,
February 27, 1993
At 9:00 A.M.
Westminster, Maryland

The undersigned will offer at public auction the following located at 2820 Cape Horn Rd. From Westminster take Rt. 27 north to Rt. 482, 2½ miles to left on Cape Horn Rd. .6 miles to sale. From Md. Rt. 30 in Manchester at Sheetz take Rt. 27 south 5.2 miles to 482.

Shop Tools

180 & 175 amp Lincoln welders, Acetylene torches & hoses, 24" 7 Hp wood planer, 18" 3 Hp jointer, 16 ga. electric hand shear, Binks 5 Hp air compressor 80 gal tank, large 36" wheel 5 hp band saw, 14" 5 hp table saw, log chains, hydraulic jacks, Pratt & Whitney tap & die set, bins full of new bolts, nuts, pipe fittings, 100's of boxes misc. bolts & hardware, chain binders, chain hoists, metal storage rack full of new bar & round stock, angle iron & tubing, some S.S. & tool steel, sheet & plate steel, extra big grinding wheel 36" dia., two 2 wheel trailers, International axles, mounted rubber wheels & spindles, all size wheel pulleys, lots of taps & dies & drills, blacksmith tongs, hammers, blower for forge, traveler, swedge blocks, tire bender for metal rim wagon wheels, 4 ft. forming cone, belt lacer, hand saws, metal crimper paint sprayer, 4 10 ft. wooden ladders, milk cap, hide boards, large C clamps, lots of hand & power tools.

Lumber

Mostly all seasoned Oak, some Walnut, 100's of board feet. All sizes from 1x6's to 2x12's, some 14 ft. long wide planks 1x16. This is a nice lot of seasoned lumber.

Antiques & Boat

Custom made 16 ft. wooden boat w/50 hp Evinrude w/gill nets, Oak S front roll top desk 42"x26", old draw knives, barn lanterns, R.R. lanterns, tool carrier, dairy scales, wooden barrels.

Order of sale: Hardware & bolts approx. 2 hrs. Boat, lumber & woodworking at 12:00. Sale to be held inside of shop.

Owner
WILSON NEUDECKER

Auctioneers:
Jim Beaver (410) 857-9558
Ralph Schuchart

Food rights reserved

PUBLIC AUCTION

OF FARM & DAIRY EQUIPMENT, TRUCK & TOOLS

ON

SATURDAY, MARCH 13, 1993

AT 9:00 A.M.

439 BOSSLER ROAD, ELIZABETHTOWN, LANCASTER CO., PA.

DIRECTIONS: From Route 283 take Rheems exit; go south on Cloverleaf Road toward Rheems; at traffic signal (Rt. 230) go straight ahead over R.R. bridge; at Stop sign (Harrisburg Ave.) go straight ahead on Colebrook Road approx. 1/2 mile to Bossler Road and turn right, continue to sale site - second farm on right.

FARM EQUIPMENT: A.C. 8030 4 WD Tractor (1500 hrs., excellent condition); A.C. 170 w/loader; 12' snow plow for A.C. 8030; A.C. 21' field cultivator; A.C. 4 row cultivator, 3 pt. hitch; A.C. 4 row, no-till corn planter; A.C. forage blower; N.H. 315 Hayline baler w/thrower (low use-like new); N.H. 30' bale elevator; N.H. 56 rake; double rake hitch; Kuhn 18' hay tedder; M.F. 620 disc 20'; Glenco 7 tooth soil saver; Brady 630 14' flail chopper; I.H. 710 6 btm. 18" plow w/on-land hitch; I.H. 5 btm. reset plow; Brillion 3 section 20' cultipacker; Century field sprayer w/200 gal. tank, 28' booms, 3 pt. hitch; New Idea 10-T manure spreader; Woods 7' rotary mower; 27' Big Jim silo unloader; Fidelity 40 K.W.-P.T.O. generator; 2 bale wagons, 2-6'x14' round bale feeders; 2 round bale carriers; 8' Myers snow plow; G.T. grain moisture tester; shovel harrow; 5- 20" round roof ventilators (new); wheelbarrow; 10' sleigh box & seat.

1987 CHEVROLET CUSTOM DELUXE 1/2 TON PICK-UP TRUCK

DAIRY EQUIPMENT: Weaverline 330 electric feed cart; 3 feed carts; portable cattle loading chute; dairy vac; electric dehorners; show halters; cow clippers; Circuiteer portable blow dryer; blowers; milk cans; Jet fly sprayer.

SHOP EQUIPMENT: 225 AMP Lincoln welder; Craftsman 8" 3 speed drill press; work benches; air compressor; anvil; acetylene torch; shop heaters; shop desks; tools; log chains; metal cutting band saw; lots of welding iron stock; numerous tools and small items not listed.

Selling For
ROBERT & MIRIAM KAUFFMAN
(717) 367-3550

AUCTIONEERS: LONG & LONG
(717) 367-3917

NOT RESPONSIBLE FOR ACCIDENTS
FOOD AVAILABLE

MAILBOX MARKET
FOR SALE

1537 Case uniloader-Ford engine runs but needs some work, also fork & steel wheels, can separate, $1500. Cumber. Co. 717-776-6552.

1979 Ford F350 4x4 PU tk., rebuilt engine, runs good, body fair cond., $1800 OBO. Lanc. Co. 717-872-4152.

V4 Ford Ind. eng. runs $150, sprayer pump new last spring $125. Wanted 5000 Ford flywheel & 2 way radios. Lanc. Co. 717-738-2675.

Cults. w/fast hitch to fit Farmall cub tractor $200. Balt. Co. Md. 410-655-7094.

Several Tenn. walking horses for trail & pleasure quiet & 100% sound. Luz. Co. 717-379-3217 after 5 p.m.

New Tanaka Barn Blower TBL 500 218 mile per hour, air, never used, asking $195. Plastic 15 gallon drums. Lebanon County 717-933-4577.

Norway Spruce 2' to 3' $5 00. 3' to 5' $10.00 plus Scotch pine. Bucks Co. 215-536-6800

1979 F350 Auto Am/Fm. Runs great, $1500, white long hair Billy Goat Gently, $75. Farmall A Colt Mower. Lanc. Co. (717) 872-8341.

IH 3x14" fast hitch trip plow, bottoms like new $225 00 Orchard grass hay, 1st cutting no rain $1.50. Lancaster 215-267-2573.

860 Ford tractor line PTO has sauder loader $2995. N.H. 273 bales super sweep, $1875. 24 drag diskarrow $195. Bob cat 610 Skid-loader $3600. 215-445-4348.

Beautiful shade trees wholesale. Just give John a call for a free price list. Pioner Acres, Sewell N.J. Goucester Co. (609)589-1848.

36' Flat Trailer Sliding Tandum 11x45 Dayton wheels $995.00. 703-465-5173.

Ford 9N Tractor, good two oilgear hydraulic units, type C92017 20 H.P. 1700 lbs Sch. Co. after 4 pm 717-366-0702.

Registered Jersey Heifer calves. Ideal youth dairy club. Projects excellent bloodlines. Dams high producing many show winners. Centre Co 814-466-6669.

Oliver 3 Bottom 14" Trail plow $300.00 obo. Berks Co. (215)845-2918.

Preowned sewing machines. Some with cabinets, $50.00, on up. Call 717-866-5555 daily. 9 to 5, Fri. 1 to 9. Ask for Marylee.

800 gallon Girton D4 tank with automatic washer. Phone (717)738-2204. Lancaster Co.

N.I. 705 D Uni-System, 1174 hrs., 51 hrs. on new engine 717 combine 13' Grainhead 4RN Cornhead. Clarke Co. 703-955-3413.

1984 Chevy P.V. 4x4 350 400 Turbo Trans. 8600 G.V.W. $5700 o.b.o. 4 Feeder Cattle. Lebanon Co. 717-865-5022.

Tandem Rake Hitch $250.00, also Three Point Hitch Round Bule Carrier $140.00 Perry County. 717-536-3241

I.H. #46 Bailer, good working order $250.00, one for parts $50.00. Chester Co. 215-869-2001.

One pair Ruff Grouse hand feed tame $250.00 with wildlife permit Franklin Co. 717-264-4395.

Farmall H PS Remote's autoclave Sterilizer 30 Perto Barfold Rebounder 10,000 lb towmotor. Needs work Gwysong Shear Commercial Office, Dunders Desk, Lanc 717-354-9399.

German Shorthair Puppies AKC Register 10 weeks old. Also 4 yr old male. Delaware County 215-485-1795

Alfalfa Grass Mix $75.00 per ton picked up at barn. Lanc Co. Call 717-684-4025 anytime.

Service Age Registered Jersey Bull Duncan Brass Juno Bloodlines Dam high producing 814-466-6669.

15-36 Foot trusses, 1 Slope and Parakeet Cage. Reasonable price 215-445-5268.

4 post wooden bed complete & new Kenmore heavy duty 70 series clothes washer Chester Co. Call Max 215-363-7948.

1976 MF 750 combine 450 hr. on engine 6RN 13' plat, $9000, will trade for skid loader. Lanc. Co. 717-426-1539.

8006 Deutz good cond, $6000. Lanc. Co. 717-859-6615.

Nice big Clydesdale colt white socks & blaze $550. John S. Nolt 717-354-9370.

Terratrac bulldozer model GT25 runs good undercarriage good asking $1500 Middlesex Co. N J 908-329-6729

66 Mustang restored, calif. car, never rusted, mechanically rebuilt, new interior, & paint, 302 engine, exc cond., $5800 Harford Co 410-692-6995.

Purebred border collie pups out of working parents shots & wormed Lanc. Co 717-664-4626.

2- 18-4x34 tires & rims, 75% trends, $300, 1600 Int. truck, good tires, $400 Carroll Co Md 410-848-1913.

NH thrower wagon hitch $90, Int. 464 roliguard w/ roof $110, 41 Chev. for parts, MF 245 loader Bucks Co 215-723-7249

Reg. R&W bull 16 mo. fire red% Stonehurst Panda Lass 2 yrs. 16,100 3 8F 3 2 Pro, 2nd dam 21,400 3 9F 4 4 Pro., $950 OBO. Emanuel S Stoltzfus Jr RR 2 Box 59, Honey Brook, Pa 19344

Coal stove warm morning 523 excel., $300, 72 Chev ¾ ton bed good some cab rust good engine tires $300. Balto. Co 410-686-2965.

8- IH 185 unit planters w/ fiberglass hoppers on toolbar w/markers in good cond. Mercer Co. N J 609-896-4872.

85 Dorsey 42' flat 10x20 tires sld. tdm. 4' bulkhead strawp track 78 Chevy 4x4 blazer 350 eng. 215-679-9496.

Craftsman 10" radial arm saw w/hyd. motor excel cond Isaac Lapp, 2417 S 5th Ave., Lebanon, Pa 17042. 717-949-3299 Leb Co weekday eves

Case backhoe off 310 crawler radiators for 450 310 crawlers, JD 14T baler Cumb. N J. 609-785-1729

12' Taylorway off-set disc, Unverferth 15' rolling harrow II North. Co 215-837-1380.

4 trailer tires on rims 8-14 5" 10 ply $40, 1982 Ford F-150 4 spd w/OD 300 6 cyl $1800 Chester Co 215-932-9804

Oliver 77 gas narrow front $1000, Oliver 70 1350 also wanted parts for Oliver 55 Berks Co. 215-488-7716 eves

Pygmy goats bucks does wethers some reg all shots dehorned also breeding service available nice kids ready now Leb Co 717-469-2620

Browning Citori grade 3 12 ga, $950, Winc. model 23 20 ga. Pidgeon grade w/ case $1200. Bucks Co 215-355-7852

EZGO golf carts 1988 4 wheels, gas engines running cond, $700 ea, will deliver, ideal for farms or campers Chester Co 215-793-1970

1930 Ford model "A" 2 door auto running cond w/parts needs restored $2200 cash, 1955 Ford 700 tractor $1000. York Co 717-938-6322

Pickup bed liner for Dodge Dakota 8' pickup like new, $75. Lanc Co 717-656-2615

77 GMC pickup truck 7' JD hay head JD 345 5 btm plow. Lanc Co 717-653-6758

Antique straw cutter very rare w/orig lettering on frame $300 Lanc Co 717-392-7287

9 yr. old black reg Morgan w/papers safe & sound holds hard needs more road Ammon F Stoltzfus, 49 Sawmill Rd, New Providence, Pa 17560

Saddlebred horse 7 yr old, safe & sound, needs reg drives, $1200, JD 24T baler, steel wheels & engine, working cond., $775 Andy S Lapp, 1202 Holtwood Rd, Holtwood, Pa 17532.

REAL ESTATE AUCTION

11 Wilhelm Ave., Lebanon, PA
SAT., MARCH 6
At 10:30 A.M.

Lovely 3 BR Colonial w/2 full & 1 partial bath. Near beautiful Southhills Park. Great area for kids.

DIRECTIONS: S. on 72 thru Lebanon. Straight at Quality Inn (Cornwall Rd.) L. on Wilhelm.

OPEN: Sat. Feb. 27 2:00-4:00.

TERMS: 10% down SETTLEMENT: 60 days or call for a showing.

Auction by: Fernwood Auction Co.
AY43L 717-933-8264
Lead Broker: ERA Ulrich Realty Co.
717-273-9366

Fernwood Auction Co. ERA

FRALEY'S
ANNUAL SPRING MACHINERY CONSIGNMENT AUCTION

3 Miles East Of Muncy, PA, Along Kepner Hill Road
SATURDAY, MARCH 13, 1993
STARTING 9:00 A.M.
Advertising coverage must be received by Feb. 27, 1993 by calling (717) 546-6907
Trucking Available • Loader Tractor • Loading Dock
Conducted By

FRALEY AUCTION CO.
Licensed & Bonded
RD 4, Muncy, PA 17756 - AY71L
(717) 546-6907

Lycoming County's Largest Consignment Auction

FARM AUCTION
Wednesday, Feb. 17, 1993
10:00 A.M.
For: **Len and Sue Van Breemen**
t/a Van Breemen Farms
Located: **Gandy's Beach Road**
Newport, New Jersey
(between Newport and Fortescue)

After many years in the farming business the Van Breemens are retiring & will sell the following: 1977 Int. tractor M-986 with dual wheels - A/C - enclosed cab - stereo, etc., Farmall Super A tractor, 2 - Farmall Cub tractors - one with hyd. and cult., Int. M-404 tractor with Int. 2000 bucket loader with fork attach. - 3 pt. hitch and wet lines, J.D.M. - 40 tractor with 3 pt. hitch and cult., old J.D. MC dozer 2 cyl. (needs work), 1968 GMC 6500 truck with 18' aluminum Fruehauf box body, 1977 GMC PU, Int. M-710 5 bottom 16" plow, 14" 2 bottom plow, Ford 14 ft. cut harrow, 8 ft. J.D. cut harrow, small cut harrow for Int. cub, 3-6 ft. mig harrows, 8 ft. bed maker for 3 pt. hitch, 3 row mech. pepper planter, onion lifter, Cole bean planter, 2 - 3 & 4 row Planet Jr. planters, Vicon 540 broadcaster seeder, Int. tow behind grain drill, 2- Int. tow behind spreaders, Int. 12 ft. frail mower for 3 pt. hitch, Myers blaster, Hudson 150 gal. low pressure sprayer for 3 pt. hitch, Ford rear mount cult. for 3 pt. hitch, cult. for Int. Cub, Int. 4 row cult. for Super A, 5 ft. bush hog for 3 pt. hitch, 7 ft. scraper blade for 3 pt. hitch, McCormick rear mount sickle bar mower for 3 pt. hitch, 3 & 4 row lettuce planters, 2 row leeks planter, 2 - Int. sub soilers, 4 row marker for 3 pt. hitch, Budda 2 & 4 row cult., Howard Rotovator (tiller), old walk behind rototiller, root washer, bunch washer, pepper polisher and grader complete with conveyors, cement mixer, steam jenny, 1000 gal. fuel tank with hand pump on skid, other fuel tanks, box stapler (110 volt), hand staplers, load binders, wheelbarrows, belt driven circle saw, rollers, nearly new comp. for cooler, A.C. implements, 2- huge galvanized watering troughs, 8- four wheel farm wagons, misc. tractor tires, approx. 150 links of 20 ft. and 40 ft. 3" and 4" irrigation pipes with risers and sprinklers, 2 Bucaneer irrigation guns, 2- 6" & 4" irrigation pumps, misc. fittings, 4- greenhouses (2 pipe - 2 wood - 96 ft.), large exhaust fans, large lot of crib house tools, much labor camp furniture, much scrap, many old garden and farm implements, 1928 Model A field truck, 1963 Cadillac 2-door couple (one owner), and many more old and unusual items. Over forty years accumulation.

T.J. SULLINS
The Auctioneer
Rain or Shine — Food Available
TERMS: Cash Or Approved Checks
All Items Sold "As Is"
Sale Conducted By
NEWFIELD AUCTION CO.
For Info and Directions Call
(609) 697-4053 (Auction Co.) or
(609) 447-4767 (Owners)

PUBLIC AUCTION
FULL LINE OF FARM EQUIPMENT, MULES, HEIFERS, HOUSEHOLD GOODS & ANTIQUES
TUE., MARCH 9, 1993
Sale at 9:00 A.M.

Located 1 mile N.W. of Conestoga Valley High School turn off Horseshoe Rd. on Willow Road 1st farm right after railroad tracks, Lanc. Co., PA.

Attention — Attention
Household goods sold first at 9:00 A.M.

LIVESTOCK — Mules - 1 pair of 4 yr. old sorrel, 1 pr. 5 yr. old sorrel, 1 pr. 8 yr. old sorrel, 1 pr. smooth mouth, 6 yr. old single mule, saddlebred driving horse

HEIFERS — 30 Bred & Open.

FARM EQUIPMENT — 656 Farmall Diesel on steel w/Rubber Shocks & Pulley Gear for PTO, 24" Frick Threshing Machine w/Long Feeder & Gear Box for Baler, N.H. 311 Hay Baler w/Engine, N.H. 456 Mower, N.H. 256 Rake, New Idea Hay Conditioner P.T.O., Pequea Hay Tedder, 32' Bale Elevator Hyd., Pequea 3 Row Corn Planter Max-Emerge w/Fertz. & Insecticide, 1 yr. old, E.L.S. Pit Liquid Spreader, N.I 206 Spreader, N.I. 323 Corn Picker 1 yr. old, Mc. Derring No. 9 Silage Cutter w/ Gandy Box, Mc. P.T.O Corn Binder w/Loader, Ontario, 14 Hole Grain Drill in good condition, 8 Row Tobacco Sprayer w/Engine, 200 gal. Field Sprayer, 4 Horse Weeder, Int. No. 9 Trailer Grass Mower, 2 Cultivators, Oliver 2 Bottom 12" Trailer Plow, 2 Hyd. Units w/Engines on steel, 2 - Farm-bilt Flat Wagons on steel, 7x16 Wagon Bed on steel, Lilcoln Linc Welder 225 DC Arc Welder w/A C Auxiliary Unit on steel.

J.D. 2 Way Plow, J.D.-K B A. 24 Disc Harrow, J.D 3 Section Spring Harrow, Brillion 8' Cultipacker (like new), 8' Cultipacker, 8' Single Cultipacker, P.T O Tobacco Curing Fan, N.I. Tobacco Planter, Tobacco Shears & Spears, Combination Spring Harrow, Walking & Potato Plow, 2 Amos Bieler Fore Carts, Double Horse Tongue, 3 Bale Boxes, Cam Spray 3000 lb. Hi Pressure Washer, Cutting Torch, Belt Lacer, 2 Hole Buchs Corn Sheller, Saw Buck for tractor, 1-2-3-4-5-6-Horse Hitches, 10 Sets Harness & Collars, Bridles, Lines, Gas Lanterns, Bolts, Wood & Steel Fence Posts, Lawn Roller.

HOUSEHOLD GOODS — Chest of Drawers w/ Bevel Mirror, 4 Arrow-back Chairs, Old Beds & Springs, Dough Tray, Large Iron Kettle, Wood Egg Crates, Sausage Stuffer, Meat Grinder, Meat Stirrers, Large 2 Prong Forks, Slaw Cutters, Small & Large Washboards, Iron Tea Kettle, Ice Tongs, Pea Scales, 2 Pitcher Pump, Wood Adv. Boxes, Old Singer Sewing Machine Tops, Drop Leaf Table, Free Arm Sewing Machine, 3 Electric Sewing Machines, 8 New Fiddleback Chairs, 2 New Bowed Back Armchairs, 2 New Bowed Back Chairs, Crib, Child's Playpen, Single Beds, Springs & Mattresses, Camelback Chest, Hay Fork, Green Qt. Jars w/Zinc Lids, & many other items not mentioned

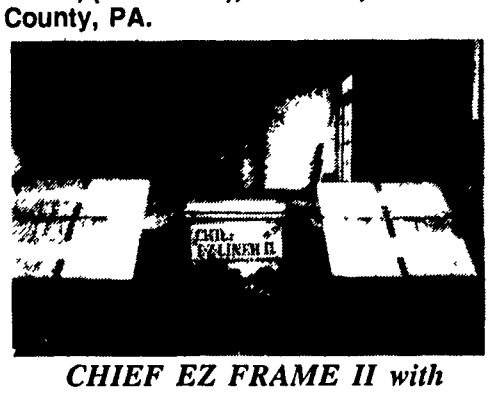
Auct's. Note — Order of sale, household goods, wagon lots, equipment, mules & heifers.

Terms By
ISAAC S. & MARIAM M. STOLTZFUS

Auct
Robert E & Jeffrey R. Martin, 656-7770
AU000580L

Randall L. Ranck, App.
Lunch available
No out of state checks

PUBLIC SALE
BODY SHOP EQUIPMENT
(Excellent Condition)
Monday,
February 22, 1993
10:00 A.M.
Located at 400 East Cumberland Street, (Route 422), Lebanon, Lebanon County, PA.



CHIEF EZ FRAME II with FRAME RACK GAUGES, MANUALS, WINCH, 4 YRS. OLD ORIGINALLY SOLD FOR APPROX. $35,000.00
ATLAS COPOC 5 H.P. (Three Phase) DIRECTAIR COMPRESSOR
SOLAR 2175 WELDER
SCHUMACHER BATTERY CHARGER, BRONCO PAINT GUN WASHER, AIR POWER WET SANDER, 7 Inch Grinder, 6 & 8 Inch Hog Sanders, 5 Inch DA Sanders, Black Hawk Porto Power Set, 3 Privately Owned Cylinder Bottles - Oxygen, Argon, CR2; Electric Bench Grinder, Air File Board, Air Buffer and Ratchet, Uniwelding and Dent Puller, Torch Set, Heat Gun, Electric Wax Machine, Heavy Duty Pop Rivet Gun, 2 Ton Floor Jack, Jack Stands, Air Hoses & Air Gauges; Hula Girl Paint Shaker, Paint Guns.
KONICA 150 FAX & COPIER
Large Metal Storage Cabinet, Shelving, Filing Cabinet, Flat Top Desk, G.E. Bar Refrigerator, Bench Vise, Come Along, Undercoating Gun, Heat and Paint Lamps, Shop Vac and other items used in Body Shop. Come early, not a large sale but extra nice equipment. Inspection day of sale only.

For information on equipment call (717) 866-4304. Pa. Checks only.

SALE TO COMMENCE AT 10:00 A.M. SHARP!

Terms by
SELLS BODY SHOP
Not responsible for Accidents.
Refreshments will be sold.
DALE L. PUTT, Auctioneer
AU-000733-L
Phone Akron (717) 859-1430

MAIL BOX MARKET FOR SALE

Good open buggy $950, fiberglass shafts, also benches, bushel crates. Lanc Co Jacob King, 521 Valley Rd , Quarryville, Pa. 17566.

58 Chevy truck motor 6 cyl. 235 $75. Lanc. Co. 717-684-8540 after 5 p.m.

5000 gal. water tank $1200 OBO you must haul, good cond , can be hauled w/ straight job truck w/winch. Levi I. Huyard, 534 S. Kinzer Ave., New Holland, Pa. 17557.

NH 40' bale elevator, new w/brkts. etc. Harf. Co. 410-452-5057 eves.

Round bales of hay approx. 600 lb. no rain kept inside ear corn for sale approx. 20 tons. York Co. 717-691-8903.

Muffler, diesel engine for sawmill, genset, etc , very quiet, 3" screw ends, new $75. Paulsboro, N.J. delivery possible. 609-423-7245 eves.

'89 Chevy Silverado K1500 4x4 pickup AT 350 V8 loaded, bedliner 27,000 mi. T/T blue excel. cond. Snyder Co. 717-374-4018.

Snap-on torque wrench, ¾ " drive, 600 ft. lbs. part TE602 FUA w/Case, used once $160. Leb. Co. 717-866-4203.

Black Enterprise wood/coal kitchen range good cond. w/fuel saver & some pipe $350 OBO. Union Co. 717-966-4535.

Reg horned dorset lambs, exposed to excellent ram, should lamb in June offspring can be reg $120 ea Berks Co. 215-926-1314.

Oliver 565 3 pt. semi MTD 4-16" trip plow. Berks Co. 215-678-7629

Uebler feed cart w/new 5 HP Honda engine, reg. Pembroke Welsh Corgi puppies Centre Co. 814-349-8051.

About 300 tons turkey manure. Adams Co. 717-359-5953.

English all-purpose 17" saddle, $150, close contact hunt seat 16" $200, western trail saddles, all sizes from $75. York Co 717-259-7721.

NI #201 manure spreader, PTO driven, triple beater, good working cond , $900 Southern York Co 717-235-6733

Colt police pistol positive cal 22 WRF S#769 1884 Marlin 1894 CN44 mag. Northampton Co 215-837-6356.

MF 1135 cab/MP 3900 hrs., rebuilt engine excel. shape. Blair Co. 814-793-2896.

Bicycle carrier for 2 or 3 $30, also chest type freezer 21" $75. Carroll Co. Md. 410-346-7506.

JD 450B 6-way vgc. $12,500, Brillion disk chisel 9 or 11 tooth $3500, JD 1460 no-till corn planter $750, JD 2500 plow $1750. Bucks Co. 215-536-5182.

25000 watt generator power takeoff JD 145 4-14" plow steerable 3 pt. Dau Co. 717-362-8708.

Hay alfalfa mixed no rain $2.20 bale. Berks Co 717-933-5683

Fairbank Scales 2600# 4x6 platform Bedford Co 814-735-4554 eve.

Pygmy goats for sale excel pets both babies & adults Fred Co Md. 410-775-2085.

Four post roof for 66 Series tractor, 2 pt prongs, 18 4-38 & 10 00-16 tractor tires on rims Union Co 717-966-4973

1974 Reinell fiberglass boat 18' 135 HP Evenrude motor 2 axle galv. trailer new paint seats upholstery lifevest's ski's, $2900. Leb Co. 717-867-5228.

Elect. oil furnace w/pipes, elec. oven, air cond., come look, make offer. York Co. Route 74, close to 372. Emanuel G. Blank, Box 258, RD #2, Delta, Pa. 17314.

IH 3x14 3 pt. plow, 9 shank 3 pt. spring reset cult., Cole 3 pt. 2 or 4 row planter, German shorthair painter pups. 908-735-6501.

1000 bu. GSI grain bin w/ unloading augers $1000, Badger grinder mixer $600. Lanc. Co. 215-445-6976.

Used market wagon, fiberglass body, very good cond. 717-656-0038 before 9 a.m.

Featherlite 4 horse gooseneck trailer, slant load, w/dressing room, also, mixed hay, no rain. Lanc. Co. 717-626-7419.

Cedar closet, heavy duty, can be built in 6 ft. high, 4 ft. wide, 2 ft. deep., Lehigh Co. $60. 215-285-2611.

No. 2400 IH 40 Hp tractor just broke in. MF 135 8 hp tractor, MP, PS, just broke in. Lanc. Co. 717-859-2374.

Parts for D47U dozer both engines winch trans, final drive. Armstrong Co. 412-763-9526 early morning/late eves.

600 gal. Zero milk tank w/ compressor, $500. Seneca Co. N.Y. 315-549-8800

Berry-King strawberry mulcher-bale chopper on trailer or 3 pt. hitch PTO 75 bale capacity $1800, 1986 Dodge 10' van 12,000 miles $6000. 315-678-2018.

Int. Cub lowboy 184 farm tractor, wheel weights, chains, hydraulic snowplow, PTO ex. cond. $1800. Somerset Co. New Jersey 908-234-2397 Bedminster 07921 after 5 p.m.

Staalk 50 case per hour farm egg packer, working cond. Leb. Co. $1500 OBO. 717-949-6817.

16 ft. Brillion cultimulcher, 2 row wide corn head for White Oliver 34" throat JD 125 3x16" plow, good ocnd. Electric water heater. Lanc. Co. 717-665-6596.

'79 Jeep Wagoneer C/C A/C quad trac good cond. $1000 or best offer. York Co. 717-244-8833.

BANKRUPTCY AUCTION

UNITED STATES BANKRUPTCY COURT FOR THE MIDDLE DISTRICT OF PA.

In The Matter Of: Thomas V. And Betty J. Katrinak, T.D.B.A. TK's Country Market, BK# 1-92-02610

ON: MONDAY, FEBRUARY 22, 1993

AT: R.D. #2 ROUTE 616 NORTH GLEN ROCK, PA.

REAL ESTATE

2 story cement block, brick & frame dwelling situated on approx. 8 acres consisting of a large store 58'x36' room heated by gas modine heaters with air conditioning and alarm system. Real estate also has a attached house with a kitchen & dining area and large unfinished room on the first floor. Second floor has 4 bedrooms and a full bath. Real estate also has an attic and cemented basement. Heated by gas hot air heat. This was operated as a convenience store & restaurant with gas service. Property has a large macadam parking lot.

Terms: 10% down day of auction, balance in 60 days.

OPEN HOUSE: Saturday, Feb. 13 1 to 3 p.m. Real Estate will be offered for sale at 12 noon day of auction.

EQUIPMENT & STOCK

Several upright beverage coolers, Universal & Kelvinator reach in freezers, upright & chest freezers, Coldin 8' meat case, 8' Ice Cream case, 3 - Sharp cash registers, asst. display racks & shelves, gondola shelving, Cole 3 drawer file cabinet, Pinnacle 4 door dairy case, store counter, changeable letter sign, price guns, small safe, Berkel meat slicer, Berkel 30 lb. computing scales, cigarette display case.

STOCK

Cigarettes of all kinds approx. 125 cartons plus other tobacco products, lots of soda in 2 liter, 16 oz. bottles & cans, misc. drug products, candies, canned goods, paper goods, a general line of groceries.

RESTAURANT EQUIPMENT

Star stainless sandwich bar, Star stainless grill, 4 stainless tables, Frymaster 2 bucket gas fryer, Panasonic microwave, Toastmaster 2 drawer toaster/warmer, Star 2 burner gas range, Vulcan model ET85M broiler, Eagle 2 hole stainless sink, Hot Dog machine, soup dispenser, Milkshake makers, Hot Fudge dispenser, kitchen tools, 4 slice toaster, paper dispensers, warmer, 5 restaurant booths with padded seats, 4 restaurant tables, approx. 16 restaurant chairs, high chair, paper bags, plastic containers, styrofoam cups, take out containers, lids, etc. Eureka sweeper.

Open House to inspect Equip. Sat. Feb. 13 from 1 to 3 p.m.

Removal Date: Feb. 24 from 9 a.m. to 4 p.m.

TERMS: Cash or Approved Check

Trustee, Lawrence V. Young 848-4900

Gilbert & Gilbert, Auctioneers
Brian L. Gilbert, Lic. #2256
Jacob A. Gilbert, Lic. #336
Ph. (717) 252-1656 or 252-3591

BRAD SMITH AUCTION CO.

WINROSS TRUCKS

WED., FEB. 17th, 1993

AT 6:30 P.M.

Located Along Rt. 74 6 Miles South Of Red Lion, York Co., Pa. Just Before The Brogue.

Approx. 60+ Winross Trucks Some Good Ones Lots Of Tankers, J.D. McDuffie, Ken Schrader Racing #25, York Fair, And More All Sell To The Highest Bidder, List Available.

TERMS: Cash Or Good PA. Check.

Brad & Pat Smith Auctioneers
Lic. #RY10L
Ph. 717-927-6949

DONALD & BERCHIE RAFFERTY

DISPERSAL AUCTION

Marathon, N.Y. Area

FRIDAY, FEBRUARY 19, 1993

11:00 AM

Auction to be held on the farm on Foster Rd. Use Exit #9 off I-81 to Marathon, take Rt. 221 West out of Marathon 3½ miles and turn to Jennings Creek Road, go 1½ miles, turn to Hopkins-Jennings Rd., go for 1½ miles, turn to Foster Rd. and go ½ mile to farm.

110 - FREE STALL TRAINED HOLSTEINS - 110

70 nice uddered young mature Holstein cows of which: 15 are fresh, 15 due March & May, 20 due July thru Sept., balance in all stages. 40 head of nice Holstein Calfhood Vaccinated Heifers: 10 Handling or Bagging, 5 due May & June, 25 ranging from Breeding Age down to Started Calves. A real good herd here! They have been Preg. Examined, shot for Shipping Fever, Blood & TB tested, and eligible for immediate interstate shipment day of sale.

MACHINERY

Michigan 75A Gas 4WD Rubber Tired Loader w/Cab, nice; Int. T-D-8 Series C diesel Bulldozer, Powershift, 6 way Blade, nice shape; White 2-62 4WD Diesel tractor w/ Westendorf Front End Loader; (2) Oliver 1850 diesel Tractors w/wide front, 18.4x38 rubber; Oliver 1750 diesel Tractor, wide front, 18.4x34 Rubber; Gehl 2500 Gas Hydro Skid Steer; NH 489 Haybine; Fahr KH 500 Tedder; NH 256 Rake w/Dolly Wheels; NH 315 Baler w/Thrower; 4 Kicker Wagons; 2 Wooden Feeder Wagons on Gears; Butler 230 TMR Ensilmixer Wagon w/Scales; Oliver 546 5 Btm. Plow; Ford 241 18 ft. Wing Transport Disc; Bush Hog 10 ft. Transport Plowing Disc, extra nice; JD Grain Drill; Int 56 6 Row Corn Planter; NH 892 Chopper w/Metal Alert, Electric Controls, 2 Row Corn Head & Pick Up Head; NH 38 Flail Chopper; NI Cutditioner; NH 28 Whirl-A-Feed Blower; Little Giant 20 ft. Elevator on Wheels; Stolfus Wet Lime Spreader on Tandem Gear, Nice; (3) NH Crop Carrier SU Wagons; 82 Chevy 4WD Pick Up, V8, Auto; 3 pt. Post Hole Digger; Cultipacker; Squeeze Chute; Some Scaffolding; Cement Mixer; **Badger 20 ft. Manure Auger, never used;** 20 ft. ft. Jamesway Ring Drive Silo Unloader, only unloaded 1 silo.

PRODUCE

Approx. 500 ton of Corn Silage in Bunk; Approx. 250 ton Haylage in Bunk; Approx 200 round Bales (800-1000 lbs.).

P.S. - A Great Auction Here! Not much small stuff. We will start on Machinery, then Produce, then Cattle. (Cattle will be sold inside free stall barn).

Terms - Cash or Good Checks w/Positive ID. Payment in full day of sale.

DONALD & BERSHIE RAFFERTY
Owners

Mel Manasse
Sales Managers & Auctioneers
Whitney Point, New York
607-692-4540 / 1-800-MANASSE

May 8 we will sell this beautiful 250 Acre farm in parcels or its entirety at Auction to the highest Bidder (s). At that time all milking Equip, Barn Equip, Liquid Manure Equip. will be sold.

Lunch Available

PUBLIC AUCTION

MODERN FARM EQUIPMENT

MON., MARCH 8, 1993

At 10 AM

Between (New Tripoli, Rt. 309 and Lenhartsville I-78) turn S off Rt. 143 in the Village of Lynnport onto Fetherolf Rd., go .3 mi turn L onto Allemaengle Rd. to farm, Lehigh Co., PA.

TRACTORS- JD 4430 w/cab & air; JD 4320; Oliver 770 gas w/loader; Oliver super 88 diesel; Vac Case w/Eagle hitch, plus a full line of tillage, planting, seeding, haying & forage equipment.

Full ad to follow later.

Terms: Cash or Acceptable Check.

Ordered By

RALPH & BRUCE DIETRICH

P.O. Box 215 • Fogelsville PA 18051 • 215-395-8084 • License #AU001809 L

RALPH W. ETTLEMOYER AUCTION

TWO-DAY AUCTION 23rd ANNUAL CONSIGNMENT SALE

FRIDAY, MARCH 5, 1993
SATURDAY, MARCH 6, 1993

9:30 A.M. SHARP
Donald Scheese Farm
Cohansey-Friesburg Road
R.D.#3 Box 288
Elmer, N.J. 08318

All Tractors Will Be Sold On Friday: Tractors, Combines, Trucks, Implements Of All Types.

EARLY ARRIVALS

TRACTORS: John Deere- 8760, 4755 MFD, 4850 MFD, 4450 MFD, 4250 MFD, 4250 P.S., 4050 Quad, 4440 P.S., 4440 Quad, 4240 Quad, 4040 Quad, 4040 No Cab, 2950 MFD & cab, 2950 cab, 2940, 2040, 2630, (2) 4320, 4020 console, 4020, (2) 2510-D, 3010-D, 950 w/mower, 850 w/ mower, 650 MFD w/mower, 6030 cab, 2010-G, 8630, 4230, (2) 301 w/L.

FORD: 7710 MFD, 1720, 1710, 6600, 3000, 2000.

INTERNATIONAL: 5488, 1066, (5) 140, (3) cubs, (2) 885 w/cab, 2400 w/mowers, (2) M.

MASSEY FERGUSON: (2) 285, 20 w/L.

ALLIS-CHALMERS: 7000 PS, D-12.

ANTIQUE TRACTORS: John Deere 730G, 730D, 720D wide front, (2) 620, (2) 60, 530, 520, A-unstyled, B-unstyled, G, H, 430, 40, (3) LA.
Case-LA.

HESSTON: 4900 square baler.

NEW ARRIVALS: 7' Btm. J.D. On-Land Plow; (4) 720 I.H. On-Land Plows 6, 7, 8 Btm.; 820 MF Disk 21', 235 J.D. Disk 23', 496 IH Disk 24'; Brillion Solid Packer 23', Brillion Crowsfoot Packer 25', Brillion Cultimulcher 24'; 750 J.D. No-Till Drill; Kinzer 11 Row No-Till Planter; J.D. 3 Pt. 7 Shank Ripper, 3 Pt. IH 7 Shank Ripper; JD 8300 Drill (Soybean Special), JD 8300 Drill 21 Double Disk; Brillion 13' Cultimulcher, JD 6 Row 5-tine Cult.; John Blue 500 Gallon Sprayer; MF 18' Wing Disk; JD 6 Row 7000 Conservation Planter, JD 6 Row 7000 Planter, JD 8 Row Tool Bar Planter 71 Units; Hardee Ditch Bank Mower; 1979 Ford Flat Bed Dump w/Grain Sides (57,329) Miles.

SOD EQUIPMENT: Jacobsen F-10 Mower, Ryan Sod Cutter, Brillion 5' 3 Pt. Hitch Landscape Seeder, Street Leaf Vacuum, Reel Sharpener w/Grinders & Stones (Peerless).

IRRIGATION: Hard Hoses, Soft Hoses, 8", 6", 4", 2" Irrigation Pipe, Power Units & Pumps.

VEGETABLE EQUIPMENT: 1 Row Pick-sall Stringbean Picker, JD 33 Unit Veg. Planter.

All types of equipment arriving daily. Listing subject to change due to daily business.

Receiving Equipment Up To March 4, 1993.

We Have The Right To Reject Any Incoming Consignments.

WATCH FOR LISTING BEFORE SALE TIME

LUNCH AVAILABLE

FOR INFORMATION CALL:
609-455-3462
609-769-4025

Auctioneer: Blaine Rentzel

Coming To New Holland Mule Sale
Friday, Feb. 19, 10:00 A.M.

10 BIG 3 YR. OLD MULES

SPECIAL FEATURES

- Pair Of 2 & 3 Yr. Old Jack Mules, Blond Sorrels, 17 Hands.
- Pair 17 Hand Sorrel Molly Mules 3 Yrs. Old Real Fancy.
- Pair 17 Hand Bay Molly Mules 2 & 3 Yr. Olds (Will Mate Close) Lots Of Style Green Broke.
- Pair 16.2 Hand Solid Black Mare Mules 2 Yr. Olds Green Broke.
- Pair 16.2 Hand Blond Sorrel Mare Mules Green Broke.

Note: This Is A Top Load Of Mules Good Heads And Ears & Well Boned. If You Like Good Big Mules, Don't Miss These. (Ready To Go To Work).

Will Be Sold About 12:30

Consigned by: ROY EPPERSON

(See Page B53 For Additional Consignments)

PUBLIC AUCTION
Farm Equipment
ESTATE OF JINO PIOPPI
609-697-0380

SAT., FEB. 20, 1993
Time 9:30 A.M.

Brewster Rd., Landisville, N.J. 2 mile east of Rt. 40 turn at the County Case Dealer.

Tractors: 1979 1135 Massey Ferguson tractor w/cab, air cond., dual wheels, 1976 2600 model Ford tractor, 1975 350 Long tractor, model 800 Ford; Model 600 Ford, MF model 65, MF model 35, John Deere 50, Farmall AV (touch control), Farmall A tractor (touch control) Loader for 1135 M.F.

Trucks: 1979 GMC 6 Wheeler (1990 Morgan insulated body), 1977 Ford 150 p.u. (18,000 miles on engine), 1972 Chev 10 wheeler (26' body), 1966 Chev 6 wheeler, 1959 Dodge dump truck, 1952 Int. 6 wheeler water wagon w/1000 gal. water tank.

Irrigation Equipment: 1991 6 cylinder John Deere diesel w/1000 gal. per min. Cornell pump (used 1 hour), 6 cylinder Chrysler Pump (used 1 season since overhauled), 6 cylinder VM diesel pump, 1 cylinder VM Diesel w/Hale pump, Bass water winch w/dual wheels - flat hose, (New cable all reconditioned), 60 pcs. 5" irrigation pipe, 60 pcs. 4" pipe, 300 pcs. 3" pipe w/risers, fittings, etc.

Field Equipment: 1980-880 on land hitch Massey Ferguson plow, Min. Moline 5 bottom plow, 15' Oliver disc harrow, 2-2 row Mechanical transplanter, 1-3pth 2 row model 285 Int. seeders w/6' tool bar, 2-3 row lettuce transplanters, 3 pth United Farm Tool Fert. drill (used 1 season), J.D. 2 row planter, 3-6' cultivators (1-Ford, 1-JD, 1-MF), 6' tool bar for pepper rows, 6' tool bar for potato rows, 6' basket cultivator, 4' basket cultivator, JD subsoiler, MF Bush Hog, MF scraper, 2 row Oliver potato digger (new chain), beam weed killer sprayer, 2 row Brady vine cutter, 1 row potato vine cutter, 12' lime spreader, 6' Sorite fert. drill, Lely fert. spreader, 4-16' trailers, 8' Meyers snow plow.

Packing House Equipment: 1 complete packing house line, 20' packing, 1 - Durand Wayland dumper, Ag Pak conveyor, vegetable waxer, Ag Pak dryer, Electric Bostich staple gun; Bostich Ft. stapler, 6-Bostich hand guns, Allis Chalmers forklift Allis Chalmers bin turner for forklift, rollers, 1600 18 bu. bins (like new), 100 200 bu. bins, approx. 3000+ bushels, 500 baskets, 5' diamond plate for loading trucks; Crib house tools, hot bed sash, many other items.

Auctioneer's Note: All equipment garage kept. Something here for everyone. Auctioneer or owner not responsible for loss or injury related to sale. Out of state buyers paying by check must have a bank letter of credit. Econo lodge just south of Landisville on Rt. 40.

Directions: From Delaware Mem. Br. take U.S. Rt. 40 East, from Combar Br. take 322 East to Rt. 55 in Richwood, get off 55 on US 40 Exit.

Ralph D. Hughes, Auctioneer
609-589-6454

Terms: Cash or Good Check
Lunch Available

TWO DAY PUBLIC AUCTION
OF ANTIQUE TRACTORS, ENGINES, NEW USED AND ABUSED FARM EQUIPMENT

Thursday, February 25 and
FRIDAY, FEBRUARY 26, 1993
SELLING FRIDAY 1:00 P.M.
PRIVATE COLLECTION ANTIQUE TRACTORS

Rumely 30-60S, 30-50Y, 25-45R, 25-40X, 20-40G, 16-30H 15-25L, 20-30W

Other items to be sold: Tractors, New Equipment, Used Equipment, Steam Engines, Gas Engines, Cast-Iron Seats, Other Antique Tractors, Parts and Literature and Miscellaneous Items.

For More Information Call:
ELIAS S. BEILER
601 Musser School Rd., Leola, Pa.
(717) 656-9733

Located ten miles east of Lancaster, 2½ miles west of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd., Lancaster County, Pa.

PUBLIC AUCTION
OF 30 ACRE FARM FARM AND BUTCHER EQUIPMENT TOOLS - GUNS - ANTIQUES AND PERSONAL PROPERTY

SATURDAY, MARCH 20, 1993
9:00 A.M.

For The Estate of Lester E. Spangler

Location: Lane Farm Black Oak Road, Swatara Township, Lebanon County, Lebanon, Pennyslvania.

From Lebanon take Rt. 72 north and from Jonestown take Rt. 72 south to Bachman's Used Car Lot. Turn west on Horst Road to T. Turn right on Mt. Ville Drive, go to Black Oak Road, turn left go ¼ mile to Auction on the right. Watch for signs.

Real Estate 1:00 P.M.

The property consists of 30 acres, 26 acres of which are tillable. There is a stream flowing through the property. The house is a 2½ story log home built in 1816 with aluminum siding and storm windows. The first floor consists of a kitchen with walk in fireplace, a large room which could be used for a family room, living room and dining room. The second floor has 4 bedrooms with a full bath with shower. The heat is furnished by a new oil hot water furnace with summer/winter hook up. There is a 200 Amp service.

Other buildings on the property consist of a 4 bay bank barn built in 1896 with enclosed barn yard set up for steers or horses. There is a new 3 bay cement block garage (30'x45') with 3 overhead doors, one oversized. In addition to the barn and garage there is a pole or implement shed (24'x32'), chicken house, corn crib and a summer house with an upstairs, cellar and cold cellar. All of the buildings are in very good condition.

For inspection of this property please call the auctioneers.

Conditions are 10% down on day of auction and the balance due in 60 days.

Conditions by
HATTIE SPANGLER
Attorney Thomas N. Cooper

Auction Conducted by:
EBERSOLE'S COUNTRY AUCTION
David L. and Roy I. Ebersole,
Auctioneers Lic. #AU-000246L & 248L
Phone (717) 867-1041 or
(717) 838-4950

Full ad to follow

MAIL BOX MARKET
FOR SALE

Straw: wheat, barley & oats. 717-469-2983.

Loader tractor, 2500B Int. Ind., rebuilt motor, nice $4500, 1973 1600 IH bucket truck, 34', excel., $4000. Franklin Co. 717-264-3127.

Table top sander boice crane 1 HP 3 phase 220-440 volt motor 6"x169" belt. $850. Del. Co. 215-544-6170.

Bagger for portable hammermill fits 7" auger. 717-626-4240.

Simmental bulls many to choose from, also holstein bulls Hunger Haven Farm, Bradford Co. 717-596-3647, 717-596-3742

Gehl grinder mixer recently overhauled new belts bearings $2000 or make offer. David B Stoltzfus, 3111 Jackson School Rd., Oxford, Pa. 19363.

A RETIREMENT AUCTION
FOR MR. AND MRS. WILLIAM D. FACEY
** COMPLETE FARM DISPERSAL **

SATURDAY, FEBRUARY 20, 1993
10:30 A.M.

1046 Yardville-Allentown Road
Trenton, (Mercer Co.) New Jersey

Sale to be held at the farm on the Yardville-Allentown Road. From N.J. Turnpike Exit 7A go west on 195 to Route 130 south, follow to first stop light by Harry's Army-Navy Store, turn left, follow to first stop light, make left onto Co. Rte. 524, follow to first farm on left over Turnpike Bridge.

Retiring from a lifetime of successful farming, selling will be a well cared for line of machinery, all owner operated and most purchased brand new!

1984 IH 3088 cab tractor, air, heat, 3 pt. 2 hyd. remotes, 16.9-38 rubber, only 1986 original owner hours! 1969 IH 544 Hydrostatic Tractor, gas engine, 3 pt., 2 hyd. remotes, 13.6-38 rubber; Farmall H, n.f.e, 2 way hyd. with light duty loader; Cub Cadet model 125 Hydro lawn tractor with 42 in. deck; 1972 Gleaner F combine, "Corn-Soy Special" gas engine, variable speed trans., 28L-26 tires, 13 ft. floating cutter bar grain head, 4 row narrow corn head; 1973 Chevy C-65 original owner truck, just 29,000 miles, 366 V-8 engine, 5 sp. trans., 9:00-20 rubber, 13 ft. grain body and hoist; 1968 G.M.C., 5500 grain body truck with hoist, 350 V-6 engine, 4/2 trans., 9:00-20 rubber; IH 455 6-row corn and beam planter with no-till attachments and dry fert. boxes; IH 510 grain drill, double disc openers, 7 in spacing; Meyer Morton 250 bu. batch grain dryer; Westfield 31 ft. by 8 in. p.t.o. transport grain auger; Mayrath 30 ft. by 6 in. transport auger, with motor and 100 ft. cord; 2 Gravity Flow boxes on NH running gears; Century boom type sprayer covers 10-30 in rows; 7.5 KW belt driven generator; Grain bin unloading auger; 9 ft. bin sweep; Dole grain moisture tester; Hawk-Bilt model 540 (5 ton) fert. spreader; IH 4-bottom 16 in. semi-mt. plow, 3 pt. with rake attachment; IH 6-row rolling cultivator with Danish tines; Case 9 ft. disc harrow; Brillion 12 ft. 6 in. cultimulcher; 3 pt. 7 ft. scraper blade; Horse drawn dirt scoop; IH 445 wire tie baler with kicker baled less than 1000 bales per year for 8 yrs. like new! IH rolabar rake; 2 16 ft. kicker bale wagons; NH 30 ft. electric bale conveyor; Woods 7 ft. pull type rotary mower, like new!; Set of 16.9-38 dual tires; 6 IH suitcase weights; Fischbein hand held bag sewer; P.T.O. speed changer (540 to 1000 or 1000 to 540); 300 and 500 gal. fuel tanks with electric fuel pumps; Pickup fuel tank with hand crank pump; Set of 18.4-26 tires and wheels, like new; 3 Medford and 1 Granger concrete silos to be removed by buyer (12 ft. high x 18 ft. diameter with drying floors, currently used for grain storage); Again, this desirable lineup is original owner operator equipment! See you the 20th at the Facey place!

Terms: CASH or honorable check. Acceptable Identification required! Nothing to be removed until settled for! Lunch on site!

Owned by
WILLIAM AND WILMA FACEY
609-259-2380

Auction Conducted By:
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520

Kubota 16 HP 4x4 w/ loader, Century 100 gal. 3 pt sprayer. Ford 8' flail 8' York Rake, Case manure spreader, Hunterdon 908-996-3859

Purebred Eskimo Spitz pups adorable and cute 7 weeks old Feb 11 York Co 717-259-9507 after 2 p m

400 gal milk tank, DeLaval vac pump, 2 bucket milkers, DeLaval, double tubs SS, 50 gal water heater, 2 Strainers. Dauphin Co. 717-566-0731.

Hotsy hot water pressure washer, model 550 $1500. Franklin Co. 717-349-2520

Coal brooder stove, electric brooder stove for 100 chicks & scanner antena 50 ft coaxial cable York Co 717-292-3513

20 HP Simplicity Hydro 5 ft mower, 38" rototiller front end loader, 230 hrs like new $7500 York Co 717-225-4586.

3 bluetick coon hounds Deluxe dog box. Lanc Co 717-786-4423

JD 24T baler with 30 ejector, good cond, shed kept. Dauphin Co 717-469-0834

McCormick power corn sheller $40. Wanted coon dog Franklin Co. 717-328-5167

Farmall C cultivators, 2 way plow, grader blade, great condition All manuals $1800 OBO New Idea pull behind sickle mower. $150 York Co 717-428-0311

1974 Transtar II SA tractor with 45 Thuerer TA dry van, looks good, runs good $5000. Col Co. 717-784-0911.

1981 Olds Omega 2 dr, AT, AC, PS, PB, good cond 4 cyl $1250 firm Lanc Co. 717-442-4539

Wooden Wheel Horse drawn grain drill, good cond Antique hay loader horse drawn, good cond Wooden beam plow, Oneida Co. 315-339-3750.

83 Chevy S10 King cab 4x4 5 speed pickup, new inspection 5-15" wagon wheels will fit Jeep and other lug patterns York Co. 717-764-9218.

Farmall Super C with fast hitch, plow, cultivator, platform carrier, mower $2500. Farmall H $900 Ford 9N 2,000. Snyder Co. 717-374-8051.

NH 310 baler NH 55 rake, Brillion wing harrow, Gleaner E combine, NH 512 3 beater spreader York Co. 717-225-3706 before 7 AM

630 JD gas wide front, 3 point hitch, hyd, PTO, good sheet metal, running cond $4500. 717-575-1696 eves.

Ducklings Pekin 6 for $12. York Co. Smalls 717-757-7664.

Solid oak desk, 6 drawer, locks, brass feet, 60x34 perfect cond not veneer. Lanc. Co. 717-665-3814

Wheel Horse tractor and loader, model GT14, material & fork buckets, hydrostatic unit needs work $950. York Co 717-292-4273 eve.

AKC Registered German Shepherd puppies 7 weeks old. Parents on premises, mostly black $175-$225. Lehigh Co 215-756-6578.

Shopsmith Mark V Makita belt sander 2 HP router, scroll saw, pumping station, portable barn fan, auto front end forecart w/brakes. Lanc Co. 717-786-8428.

Ford 9N tractor with front loader, backhoe attachment, sickle mower, JD corn planter, cultivator, good cond. $3500. Berks Co. 717-933-8275.

Remington 12 ga. semi-auto shotgun, vent rib, 28 inch mod. barrel, very good cond. $260 OBO. Lanc. Co. 717-627-0957.

MAILBOX MARKET FOR SALE

Sawmill 0 Frick, steel, 15' carriage, 4 head blocks 56" saw, 55' track, GMC 471 Montgomery wood hog. Leb Co 717-469-0273

5 yr old standardbred bay carriage horse sound trotter, family & broke traffic safe Dauphin Co David S Smucker., R1 Box 425, Lykens, Pa 17048

Add on bottom for Oliver 565 plow Bucks Co 215-598-3206.

Liquid fertilizer tanks and pump for John Deere 7000 corn planter. York Co. 717-637-4249

PTO gear reduction for TD6 or TD9 crawler. Lanc. Co. 717-354-5225

Gas chick brooder, good cond. Lanc. Co. 717-687-7001.

Martin carriage works, York Pa. Watch FOB, buggy plate, catalogs, etc Write Robert Rauhauser #2, Thomasville, Pa. 17364-9622.

14" dia belt pulley for Farmall Bolt-on type Stake price John T Petersheim, R2 Box 135, Mifflintown, Pa. 17059.

Canon sheller & other corn shellers. Call collect 313-725-2246

Truck body (enclosed) to fit short wheel base F-350 body length 9', must be in good cond. Montg. Co. 215-489-3527.

PTO shaft for Int. 56 silage blower front section needed, also for sale penzyme antibotic tester. Lanc. Co 717-656-2615.

3 PH rototiller for farm tractor, also wanted a large HP 4WD tractor w/a creeper gear. Bucks Co. 717-345-0946.

Milk porter sputnick, any cond. 717-656-8688.

Robbins incubator (redwood) prefer large I model good cond. Lanc. Co. 215-267-5659

6' grain binder, 22" threshing machine, Fishder, 498 Twin Elm Rd., Strasburg, Pa. 17579. Lanc. Co.

Steel wheels for MF 300 combine front and rear Lanc Co. 727-738-2598

MAILBOX MARKET WANTED

Wanted someone to remove old hay from barn. Also wanted single horse trailer, Wheel Horse tractor 14-16 horsepower. 215-791-1815

Leftover or good used parts for 1950's Model 501 Jamesway poultry feeder from former dealers or farmers. Adams Co. 717-334-3727

JD 43 corn sheller, Juniata Co. 717-436-8479

Older midget race car ¾, ½ or what have you, any condition, any make Berks Co 215-678-4394

Property with privacy in Leb Co or surrounding counties. Any acreage or condition Private buyer, immediate sale possible Leb Co 717-867-2452.

Tabacco hoers to fit Dearborn or Ferguson 2 row cultivator, 3 pt hookup, must be in good cond. Can travel. Leb. Co. 717-866-4107.

Electrical const. tools, power threaders, benders, wire pulling equip, hilti drills, bandsaws, core drill, ladders, pipe vises, gang boxes, etc. quick cash. Westmo Co 412-423-5691

Loop stalls, free stalls, head gates, milking parlor equip. any thing I could use for a dairy Bradford Co. 717-596-4436

Couple wants to rent farm somewhere in PA Please call anytime 215-767-4369 Lehigh Co

Diesel generator or natural gas genset 3080 KVA single phase 240V 60Hz belt pulley Ford 8N Fairfax Co 703-759-5281

Will buy wide attic flooring, old loghouses, stone or brick gable-end barns and mills, carriage houses, wagon sheds. Evenings 717-334-6223

Will consider buying old wooden boxes by the truckload You deliver to Aspers, Pa Call only at 7PM evenings 717-334-5740

American Flyer trains, engines, cars, accessories, any boxes. Wall 908-755-1887 or write Bill Jackson 36 Edgemont Rd, Plainfield NJ 07060

Used milk sputnick Lanc. Co 717-738-1752

Forklift approx. 4,000 lb, approx 12' lift Snyder Co 717-374-8010 or 717-374-2334

Guinea pigs 400-600 $1 50 up will pick up M Marker HC69 Box 24, Harvey Ark. 72841 501-299-4602.

1957-1960 Ford trucks, especially F350 dump truck New Jersey 201-839-9053.

Alum martin house, governor and other parts for 4 cyl Hercules IXB engine. Garrison Brown, RD 2 Box 633, Riverhead, N.Y. 11901. 516-722-4660 eves.

10-12-14 HBP Mtd AMF Wizard Columbia Daton with cast alum grill, also cast iron radiator. Snyder Co 717-374-4720

Divco truck or parts any condition, truck as used for retail milk delivery, Berks Co 215-678-4394

Old gas powered model race cars, raced 1940's in Reading, Allentown Beth. areas on concrete circular tracks Berks co. 215-670-9544

PUBLIC AUCTION

MODERN FARM EQUIPMENT; TRUCKS; SKID LOADER

FRI., MARCH 12, 1993

AT 9:30 A.M.

Approx. 1 mi. S. of Trexlertown & Rt. 222, Turn S. Off Rt. 100 Onto Spring Creek Road, Toward Alburtis Approx. 1/2 Mi., Turn R At The Village Of Brookdale Onto Mertztown Rd., Toward Mertztown, 2.5 Mi. To Auction, Berks Co., Pa.

TRACTORS- Int. 1468 - V8 Eng. w/3 Pt., WF, Etc.; Int. 4186, 4x4 Diesel; MF 1100 Diesel; MF 180 Diesel; Farmall 560 w/TA & Swartz Frt. End Loader; Int. 350 Utility w/TA, Fh. Etc.; Farmall S M w/Remote Control; Farmall C; Farmall A; Oliver H G Wide Ga Crawler.

COMBINE- 1983 MF 860, w/1163 - 6 R C Head & 15' Floating G Head.

TILLAGE- MF 880, 7-16" Semi Mtd. Or Pull Type Hydrant Pl; (2) MF 4 & 5 Bot. 16" 3 Pt. Hyd. Reset Pls 1 w/On Land Hitch; MC 311 Fh 3-14" Pl; Int. 14' Trl Chisel Pl; Int. 11', 3 Pt. Chisel Pl w/Buster Bar; Int. Vibra Shank Wing Harrow; Int. 20' Transport Roller Harrow; Dunham 25' Hyd. Wing Packer; Krause 23' Transport Hyd. Wing Finishing Disc; H-MC 5 Tooth Subsoiler.

PLANTING- Case Int. 900 Cyclo Air 6 R No-Till Planter w/Liq. Fert.; Int. 5100, 21-6 Dbl. Disc (Soybean Special) Drill, Grain & Grass Seed Boxes; Int. 3 Pt. 2 R C Planter w/Gandy Attach.

HAYING- MF 124 Baler w/Thrower; MF Mower Conditioner; MC 7' Mower; Int. Side Mtd. Mower; NI 4 Whl. Rake; Farmbilt 8'x18' Metal Side Bale Wagon; 7'x18' Wdn Bale Side Wagon w/Hoist; 28' Tube Type Bale Elev; Harvey 30' B & C Elev.

GRAIN- MC Mod. 600-B Grain Dryer w/30 HP Motor Or PTO; Donahue 28' Tandem Axle Header Trl; Speedstar 8'x40' Transport Auger w/Motor; Snowco G & C Cleaner; 40'-6" Transport Auger.

MISC.- Int. 80" 3 Pt. Sn Blower; Fh To 3 Pt. Adapter; Yamaha 200-E, 3 Wheeler; 7' Fh Blade; Int. 540 Two Beater PTO Manure Spreader; 1000 & 1100 Gal. Poly Lig. Fert Tanks; Int. 181- 6 R Rotary Hoe; Int 133- 6 R 3 Pt. Cult.; Papec 870 Grinder Mixer; JD 500 Gal. In Line Tank Sprayer w/Pump; Brady 12' Stalk Pulverizer; Sets Of 15.4x38" & 18.4x38" & Other Sizes Tire Chns; 3 Pt. Hyd. Post Driver; Woods Cadet 3 Pt. 72" R Cutter; Pr. 18.4x38" Duals & Clips; 20.4x34" Duals & Clips; Cardinal 16' Elev.; (2) Fert. Pumps w/Engs.; Fh Two R Culti; (2) 4 Whl. Flat Wagons w/Hoists; Swartz H Duty WF End For Farmall 560; 12' Stone Rake; 125 Gal. Pick-Up Truck, Field Fuel Tank w/Pump; 5000 Gal. Fiberglass Fert. Tank; 4 & 12 Hole Hog S Feeders; Ci Hog Troughs, Auto Waterers, 2 Farrowing Crates.

SKID LOADER- Int. 4120, 16 Hp w/Fork & Bucket.

TRUCKS- 1963 Ford F-600 w/12' Dump; 1966 Int. 1800 Loadstar w/16' Dump; 1967 Int. Loadstar w/14' Dump; Int. KB-5 w/ Homemade Auger Unload Grain Or Feed Box.

TOOLS & ETC- Dayton 20,000 KW, Portable PTO Alternator; Port Air Comp; Lot Of Craftsman Wrenches; Elec. Drills; Elec. & Chn Saws; Hyd Jacks; Towing Chns; Walk Behind SN Blower & Rototiller.

BUTCHERING EQUIP.- Farnfham Meat Band Saw; Elec. Meat Slicer; Self Contained Meat Grinder; (3) Ci Butcher Kettles; Butcher Bench, Block & Tackles.

Plus Many More Items Used In A Full Time Farming Operation.

Sale Order - Smalls 1st, Butchering Equip. Approx. 12 Noon, Followed by FE & Trucks.

Terms: Cash Or Acceptable Check.

Ordered By:

MRS. PAULINE (ARLAN) SEIDEL

Refreshments Available

P.O Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L

RALPH W. ZETTLEMOYER AUCTION CO. INC.

"ATTENTION" - FARMERS, CONTRACTORS & HOME OWNERS

SPRING CONSIGNMENT SALE

Saturday, March 20

9:00 A.M. Sharp

Sale held at Juniata Markets, Jct. of Rts. 75 and old 22, at the blinking lights, 1 mile north of Port Royal, Pa. Juniata Co.

"TIME IS RUNNING OUT" to advertise your items in the sale brochure, we need your listings NOW. Call 717-527-2405 or 4458 also 717-436-9294.

LONG'S AUCTION SERVICE
RR 1, Box 458, Port Royal, Pa. 17082
AU001702L

PUBLIC AUCTION

Of Farm Equipment for Hackett Farms
609-641-1389

Sat., Feb. 27, 1993

Time 9:30 A.M.

Mill Rd., Bargaintown, N.J. Rt. 40 to Fire Rd., turn Rt, 2nd light turn left.

TRACTORS: John Deere model 3010 w/ cab & fert. attachment, 1967 Ford tractor w/ front end loader, Farmall Super C tractor, 2-Farmall AV tractor w/touch control, Farmall A tractor w/touch control, 8N Ford tractor, Allis Chalmers G tractor, Cultivators for C tractor, LA John Deere tractor, Cub tractor, mower for Cub tractor, antique Sears tractor w/plow, blade, cult.

TRUCKS: 1979 E7000 w/16' Morgan body & Thermo King, 1970 Ford 350 w/dual tires, 1958 Dodge p.u. truck, Dodge dump truck, Dodge flat bottom, Chev flat bed, Army Jeep, 1953 Military fire truck (good running cond.).

IRRIGATION: 6 Cyl. Ford Industrial w/ Marlow pump, Chrysler engine w/Hale pumps, 3" Wis. engine w/Hale pump, 3" Yanmar Diesel pump, 3" irr. pipe w/risers, 4" irr. pipe w/risers, 5" irr. pipe, 4" iron pipes, guns., T's elbows, fittings, etc. pipe trailer.

FIELD EQUIPMENT: Century corn sprayer, (Century sprayer for parts), JD 3 pth. 3 bottom plow, JD grain drill, Holland peat pot planter, JD 12' disc harrow, 2 row Stan Boy planter, self propelled 2 row planter, JD 4 row planter, 3 pth 4 row planter Jr. 4' Brush Hog, 1 row potato digger, potato planter, potato cutter, Lely fert. spreader, 2 row planter Jr, 1 row fert. drill, Oliver air blast sprayer w/wooden tank, J.D. 4 row cult, 5' spring tooth harrow, JD tool bar, 500 gal. liquid fert. tank, 3 pth. powell transplanter, 2000 gal; fiberglass tank, subsoiler, soil threader, 1500 gal. fiberglass tank, 1-4 wheel wagon, 1-trailer, box scrapers, cement mixer, 3 pth. M.F. middle breaker, saw bench, manure spreader, meeker harrow, many other items; air compressor.

PACKING EQUIPMENT: Potato grader, 2 platform scales, 5 produce scales, cabbage crates, romaine boxes, strawberry boxes, baskets, bushels etc.

MISC. ITEMS: Army tents, lockers, office desks & chairs (like new).

Auctioneer's Note: Owner having stopped farming operations, everything will be sold to highest bidder. Owner or seller not responsible for loss or injury related to sale. Out of state buyers paying by check must have a bank letter of credit.

Directions: Take U.S. 40 East near Pleasantville, watch for signs on Fire Rd. Turn right on Fire Rd. Cross over Tilton Rd., turn left on Mill Rd.

Ralph D. Hughes, Auctioneer
1-609-589-6454

Terms: Cash or Good Check

Lunch Available

Spring Consignment Sale

Thursday, Feb. 25, 1993

9:30 A.M.

Tractors, Combines, Farm & Lawn Equipment, Trucks, Misc.

Location: Everetts Corner, Three Miles West Of Kenton, DE. On Rt. 300.

Receiving Equipment On Mon. 22, Tues. 23, Wed. 24 From 8 A.M. Until 5 P.M.

No Equipment Received On Day Of Sale.

Forklift & Loading Dock Available.

For More Information Call:
Sales Mgr. & Auctioneers
C.T. Scuse & Sons Inc.
302-653-7530

ABSOLUTE AUCTION

COMPLETE LIQUIDATION

FORMER KENNIES MARKET, CHAMBERSBURG, PA.
Located Just 1.5 Miles East Of I-81
Along Route 30, At
Lincoln Way Shopping Center

MONDAY, FEBRUARY 15, 1993

AT 11:00 A.M.

DELI BUTCHER SHOP REFRIGERATION

Harford 12'x18' Walk-In Box w/Diamond Plate Covered Floor Like New!, Harford 14'x34' Walk-In Box Like New, Hussman Walk-Ins, 14x10, 18x18, 10x12 & 14x18, 2 US Berkel Model 808 Slicers, Hobart Slicer w/Auto Feed, Globe Model 500 Slicer, Hollymatic 180A Grinder Stuffer, Hobart Butcher Boy Model 4146 Grinder, 2 Biro Model 3334 Meat Saws, US Berkel Slicer Stacker, Jobart 3000 Meat Wrap System, Toledo 8423 Printing Scale System, Dove 540 Heat Wrap Machine, Vulcan 4 Burner Gas Stove/Oven, Chester-Fry Pressure Fryer, 2 Shrink Wrappers, Hanging Scales, 3 Hole S/S Sink w/ Spray Arm, 4 S/S Tables 80 Alum Meat Trays, Alum Tray Carts, 14 Alum 4 Wheel Carts, 9 S/S Dunnage Racks, 10 K-Tron Series 9000 Electronic Scales 30 Lb. Capacity, Paper Dispensers, Other Related Items!!

HOT/COLD DISPLAY CASES - FREEZERS - SHELVING - COMPRESSORS

37 Door 74 Lineal Ft. Hussman Freezer Display Line, Warren-Sherer Meat Deli Display Case 56 Lineal Ft., Like New!, Warren-Sherer 24' Open Top Meat Case, Warren Sherer 24' Dairy Case, Hussman 44' Dairy Case, Hussman 158' Open Top Freezer Line, Hussman 12' Dairy Case, Hussman 68' Mirror Back Produce Case, Hussman 8' Dual-Temp Open Top Case, Texas BBQ 8' Hot Food Case, 25 Compressors For Above Cases, 6 Runs 74' Double Side Gondola Shelving Total 450', 74' Single Side Gondola Shelving, Display Shelving, Metal Shelving, Card Racks, Etc.

CARTS - BAILERS - CHECKOUTS OFFICE EQUIP.

2 American Model HL600 Cardboard Bailers Like New!!, 24 Four Wheel Stock Carts, 48 Shopping Carts, 4 Doz. Market Baskets, 6 Shultz Model 600 Check Out Stations, Scanner Ready, 2 Golden Giant Dock-Lift Systems, 2 Lift Rite 5000 Lb. Pallet Jacks, Clarke Model TB-60 Floor Scrubber, 2 Sect. Roller Conveyor, Mosler Cash Safe, Mosler 24"x24" Safe, Omega III Telephone System w/6 Phones, 2 Simplex Time Clocks, Fire Exts., NCR PC Computer, Desks, Chairs, File Cabinet Lockers, Microwave, Wheelchair, Signs, Typewriter, Calculators, Hundred Of Items!!

NOTE: No Out Of State Checks, Without Bank Letter Of Guarantee!!! Inspection Day Of Auction 8:00 A.M. Removal A Must By Feb. 19, 1993. Removal Daily 9 To 4.

KERRY A. PAE, CAI, AU 1367
JEFFREY L. KNOSP, CAI, AU 1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

MAILBOX MARKET
WANTED

Complete wide front end f JD 3020 reasonabl Phone 717-334-1774 Adams Co

Started Holstein bulls and heifers Berks Co 215 845-7043

Wide front end to fit JD 1010 R tractor, or junk JD 1010R with wide front end, Centre Co 814-364-1314

Boy Scout patches OA, National Jamboree, insignia, or early camp patches, scarves, metal insignia; anything scouting related Cumb Co 717-243-2387

Fly wheel for hit and miss, 5 HP engine, New Holland also fuel pump for 3 HP Int. 717-354-9939

8-16 IHC parts tractor, W12 parts tractor, Maytag gas engines, wooden Maytag wash machine, 8-16 operators manual and parts book Ben Kinsinger, R1 Box 234A, Meyersdale, Pa 15552

Motor 3 HP or 5 HP 3 phase to fit Delta Unisaw (table saw) special mount Call with price 717-339-5777 Atlas

New 24' Delta truck body, good for race car trailer $2000 Wanted Sickle bar and cultivator to fit JD 40 Berks Co 215-987-6516

Brush Hog must be category "O", 3 pt hitch, must be 2,000 RPM to fit garden tractor 717-265-6465

Salvage to wide attic flooring, old loghouses and farmhouses, grist mills, old factories, warehouses, oak fencing Eve 7-9 PM 717-334-0249

Rolltop desk wanted, good cond Price depends on type, size and condition Gettysburg 717-334-1329

Pair 9 5x32 usable tires, trade cast John Deere H front wheel for steel rim For sale Wood brothers corn picker. Lanc. Co. after 6 15 PM 717-299-6882

Cash paid for local arrowheads or stone artifacts to start collection for my son. 717-436-9795.

MAILBOX MARKET
NOTICE

Start your own business 70 Mack 750 Holmes, 78 Ford steel rollback, 73 Chevy 440 Holmes 25,000 Package Montco Co. 215-631-1890.

For rent 2 bdrm mobile home in Yorkana area Garage, cellar & AC, $450 plus utilities. York Co 717-755-9579 after 4 p m

Stud service registered haflinger 56" sorrel white mane, tail, feet, very good temperament $200 Berks Co 215-683-7921

At stud 16 2 h TB, top jumper bloodlines $500 Arabian top bloodlines $350 Arabian gelding dressage, O/F, trail $2700 Schuylkill Co 215-377-3769

Free quanset hut tin and frame, frame has to be taken down Leb Co tin is removed 32'x100' 717-933-4333

Farm 30 acres w/buildings 4 building lots 3 more possible near Route 30 Hellam, Pa Contact Box 501 Emigsville, Pa 17318 York County

10% off sale equipment parts bolts belts pulleys bearing sprockets PTO baler twine grease oils etc Feb 15-Mar 15 Kirkwood Repair

PUBLIC AUCTION

Antiques, 1971-1980s Hummel Plates, Luigi Rist Print and Collectibles

Monday, February 22, 1993

3:00 P.M.

Located at the Brickerville Fire Hall, West of Ephrata, Pa. just off Rt. 322.

SALE OF ARTICLES FROM THE LOUIS ROUMFORT HOUSEHOLD AND THE MARLIN SPAID HOUSEHOLD, ETAL.

FURNITURE: Wurlitzer spinnet piano, 2 Victorian chairs, calry Pennsylvania high case of drawers w/French feet, overlapping drawers and fluted columns and top. Fainting couch, Dropleaf tables, Smoking stands, Duncan Phyfe sofa, Spool bed, RCA crank table top record player, Unusual oak record cabinet, Mission oak Grandfather clock, small Banjo clock, Blanket chest in old red, Tapered leg kitchen table, Dovetailed tool box, Porch settee, Open one drawer wash stand, Bookcase desk, Mahogany stand, Chiffarobe, Duncan Phyfe card table, Empire chest of drawers, Mini grained blanket chest, Cedar Chest, Maple bedroom suite, Maple table and chairs and more including a real nice jewelers work desk.

RAILROAD ITEMS: 3 Locomotive lanterns, 2 Brass locomotive steam whistles, 2 Brass locomotive governors, 9 PRR brass plates, Cast iron whistle sign, PRR dinner plates.

POTTERY AND PRIMITIVES: Powder flask, Blue decorated stoneware butter crock with lid, Copper apple butter kettle, Early pepperbox pistol, Butcher bell, saddle bottle, Privey lantern, Dome lid tin box, Betty lamp, Dough scraper, Turks head mold, Rockingham pitcher, Brass skimmer and strainer, mini butter mold, Sheaf of wheat butter mold, stoneware rolling pin.

CHINA AND GLASSWARE: Fire company occupational shaving mug and other shaving mugs, Nice lot of Adams Rose china, 3 ABC plates, China clock, 1907 Calendar plate, Snow flake sugar bowl, Johnson Bros. white ironstone pcs., Royal Doulton toby mug, copper lustre creamers, nice lot of Fostoria glassware, 12 Place set T.H. Limoges china, 2 German china pipes, Amber barber bottle Blue enamel overlay barber bottle and jar set, lot of pressed glass goblets.

WATCHES, GUNS, KNIVES AND HUNTING GEAR: 50+ pocket knives (many Remington), 12 Pocket watches, Watch makers tools, WWII Japan and U.S. swords, 514T Target rifle, old shotgun and rifle ammunition, Camping lanterns, 2 Glass and wood laminated bows, bow rack and gun rack.

BOTTLES: Hiawatha water bottle, Ephrata water bottle, Manor View dairy bottle.

APPLIANCES AND HOUSEHOLD: Apt. size upright freezer, 2 drawer file cabinet, dehumidifier, Hoover cleaner, G.E. washer, Gibson refrigerator, J.C.P. dryer.

TOOLS AND EQUIPIMENT: Air compressor, wood lathe, hand tools, SK mechanics tools, Craftsman riding mower, Billy Goat yardman sweeper, Craftsman electric mower like new!

THIS IS BUT A PARTIAL LISTING OF MANY WONDERFUL ITEMS IN A GREAT AUCTION!

Good Hot and Cold Food Served
On The Premises

E.M. Murry Associates

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Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

FRANK AND LINDA FRANCISCO

COMPLETE DISPERSAL

WEDNESDAY, FEBRUARY 17, 1993

11:00 A.M.
PENN YAN, N.Y.

Auction to be held at the farm 1743 Himrod Road, Penn Yan, N.Y., 1½ miles southeast of Penn Yan, 2 miles east of Rt. 14A, 5 miles west of Rt. 14, 15 miles south of Geneva. Follow auction arrows from Rt. 14A in Penn Yan.

FARM MACHINERY

Selling first at 11:00 A.M. will be: J.D. 4240 diesel tractor w/3600 hrs.; J.D. 2955 diesel tractor; J.D. 4020 diesel tractor w/J.D. 148 loader; J.D. 1219 haybine (purchased in fall of 92 only cut 30 acres); J.D. 327 twine baler w/ kicker; J.D. hay rake; 2 steel basket wagons; 2 wood basket wagons; J.D. 7000 32" 4 row corn planter; J.D. 3800 field harvester w/2 row corn head and hay head; 2 Meyers 3 beater self unloading wagons w/tandem axle running gears; J.D. 65 silo blower; J.D. 70 skid steer; N.H. 680 tandem axle manure spreader w/hyd. end gate; Little Giant 40' hay and grain elevator; J.D. 5 bottom 16" hyd. reset plow w/buster bar; Taylor-Way transport disc w/buster bar; J.D. Van Brunt disc grain drill; Brillion 12 ft. cultipacker; 12 ft. drag; 2 round bale feeders; Rissler mixer feed cart w/scales and 5 HP Honda motor; Ideal bedding chopper w/Honda 6300 gas motor; 4 fiberglass calf hutches; 12 plywood calf hutches; Apollo SX-35 semen tank; dairy vac; several barn fans.

FEED

Approx. 150 ton Hi-moisture corn; corn silage, approx. 25' in 16x50 silo; corn silage and haylage in 16x60 silo; approx. 2000 bales 2nd and 3rd cutting hay; approx. 35 round bales 1st cutting hay.

140 REGISTERED HOLSTEINS

Selling will be 70 cows, 33 bred heifers, 35 open heifers and calves and 2 bull calves. This Dairy of Distinction has a DHIR RHA of 17,918m 3.8 685f 3.4 603p and a 106.9% BAA w/11EX, 23VG, 26GP, 3G. These tie stall trained cows are very stylish with fancy udders. The heifers are straight and well grown. This herd captured the Premier Breeder and Exhibitor banners at the 1992 Finger Lakes Championship Show. Features include an EX-92 Inspiration fresh 11/9/92 and milking 92#/day. Last record 3-3 365 23,149 3.9 908 3.3 783p. She is on the Top 10,000 list for CTPI. Her dam is VG-86 w/27,070m 874f 916p, next dam VG 21,810m 772f. Her VG-87 (EX-MS) Trifecta sister fresh 9-11-92 and bred to Conquest sells milking 100#/day and last record 2-6 340 25,836 3.5 918 3.3 859. A 2E-94 Impact w/4-10 365 25,398 3.6 924 3.2 804 and 7-4 187 16,562 509f 483p - inc. sells due in August. SHe sells with a GP-82-2Y Inspiration dtr. and a VG-87-3Y (EX-MS) dtr. A 2E-91 cow w/4-10 365 26,978 3.4 925 3.1 854 sells due in March to Precionist. The Grand Champion of the 1992 Yates County Holstein Show sells w/3-5 242 17,239 3.6 616 3.0 511 inc. and is scored EX-90. Many more top animals too numerous to mention. Sires include Mark, Inspiration, Jethro, Counselor, Astro Jet, Sexation, Algonquin, Lincoln, Concord and Delegate. Service sires in use are Inspiration, Royal, Jubilant, Lincoln, Conquest, Delegate and Fancy Paul. Attend this sale to purchase foundation cattle as well as commercial replacements. Herd is calfhood vaccinated, inoculated for shipping fever, TB tested, and will be examined for pregnancy. Cattle sold interstate will be tested immediately following the auction.

TERMS: Cash or good check day of auction. Nothing to be removed until settled for.

OWNERS,
FRANK AND LINDA FRANCISCO

HARRIS WILCOX, Inc.
Auctioneers,
Realtors, & Appraisers
Phone (716) 494-1880
17 South Lake Avenue
Bergen, New York 14416

Sale Reports

HUBER ESTATE SALE

A Public Auction of real estate was held February 6 for the estate of Bertha W. Huber, 204 Reading Rd., East Earl Twp., Lanc. Co., Pa.

The three bedroom, 1½ bath, ranch-style house was sold for $118,000 to Leroy Lapp of Churchtown, Pa.

Roy Good, Randall Kline and Lloyd Kreider were the auctioneers.

GOOD SALE

A Public Sale of farm equipment and household goods was held February 6 by Willis and Esther Good of Hergelrode Drive, south of Myerstown, Lebanon Co., Pa. There were 259 registered bidders attending the sale.

Some items sold were: N.I. 2-row corn picker $3475, Martin manure spreader $2950, J.D. baler $3750, Gehl haybine $900, I.H. hay rake $725, Case 2090 tractor $13,000, Oliver 1650 tractor $2700, forage wagon $2125, J.D. 2030 tractor & loader $8600, M.F. 35 tractor $2200, N.H. 27 blower $500, Weaverline feed cart $1725 and J.D. disc harrow $1600.

Other items were: N.H. #450 sickle bar mower $130, drill press $130, sewing machine $100, wooden rocker $65, cane-seat rocker $28, wood stove $50, Handyman jack $50, 3 h.p. motor $105, bale wagon $340, Oliver 4-bottom plow $925, Dion forage wagon $3800, Country Boy bin wagon $1050, cultimulcher $580 and N.I. forage wagon $1275.

The auctioneers were Paul E. and Aaron E. Martin.

WHITESIDE SALE

A Public Auction of antique building materials was held February 6 by Whiteside Auction Service as agent for the owner. The sale was held at Old Mackey Lumber Co., South Third St., Oxford, Chester Co., Pa. There were 106 registered for the sale.

Some prices were: commercial 12" joiner $475, Victorian iron porch decorations $300, cherry sectional wall panels $260, 9 ft. wood lathe $250, child's ferris wheel amusement ride $150, 1800's door lock w/brass eagle stamp $50 and box lots of Victorian door locks & hardware $5 to $30 each.

Whiteside Auction Service conducted the sale.

AUCTION

SATURDAY, FEB. 20, 1993

9:00 A.M.

ANTIQUES & COLLECTIBLES: Pikes Peak 1¢ coin operated slot machine; pot belly stove w/Alaska handle; 1912 map of E. Whiteland Twp.; 1921 Boy Scout book; dough slice; dough box; steamer trunks; #8 cast iron bean pot; Universal waffle iron; Wagner cast iron dutch oven; hobnail, crystal & depression glass.

FURNITURE: upholstered love seat; nursing rocker; spindle back rocking chair; mahogany bed set w/2 dressers w/mirrors & vanity w/bi-fold mirror & cane seat bench; desks; buffet w/hutch; dinette set; blanket chest; barrell back chair; wood plant stand; coffee tables & end tables.

OFFICE EQUIP. & FURNITURE FROM DOCTORS OFFICE: settee & 6 chairs; assorted file cabinets; wall cabinets; shelving; executive wood desk w/cabinet & file top; wood lecturn; examination table; bulletin boards; 3M copier "051"; wood easel.

ATTENTION SPORTSMEN: flyrods; fishing rods; reels; hooks; dies; bow & arrows w/case; duffle bags; hunting clothes; jackets, boots, waders, hats, wool hunting pants; duck call; casings; gun cleaning tools; scope mounts; sportsmans seat; life vests; boating items; sleeping bags; back-packs; coleman & playmate coolers; sheepskins; tackle boxes; fishing nets; shot bags; salt water lures & reels; car top boat carrier.

MISC.: GE no frost refrig./freezer; GE washer & dryer; portable TV; console TV; leather motorcycle pants; exercise bike; bench press w/weights; bar bells; water skis; putting set; clubs; golf bag cart; rowing machine; tennis & squash racquets; trumpet w/case; flute w/case; baskets; misc. kitchen items; many box lots misc.; child's horse saddle.

TOOLS: hammers; planes; levels; saw sharpening vice; hand drill; box saw; pipe wrenches; scribes; clamps; hand saws; wood saws; drafting pens; dies; 30" box level; 1 man saw; mortar hoes; sythe; axes; shovels; body tools; electrical items; hand mower; grass seed/fertilizer spreader; plumbing supplies; Sears table saw; buck saw; rakes; air piggy tank; chicken wire; barb wire; gas cans; oil cans; nuts; bolts; old tools; pipe fittings; truck mirrors; tail hitch; double wash tubs and much more.

DIRECTIONS: LINCOLN AUCTION CO., 420 LINCOLN HWY., FRAZER, PA. (APPROX. 100 YARDS EAST FROM INTERSECTION RTES. 30 & 352).

TERMS: CASH OR PA. CHECK WITH ID.

Lincoln Auction Company

Auctioneers — Appraisals Liquidations

Lincoln E Cockerham
Auctioneer
AU-002550-L
TELEPHONE
(215) 644-2882

Sale Reports

LANCASTER CO.
4-H SALE

The Lancaster County 4-H 7th Annual Benefit Sale was held February 6 at the Farm and Home Center, 1383 Arcadia Road, Lancaster, Pa. There were 100 people registered for the sale. Proceedings from the total sale were over $6000.

Some items sold as follows: Penn State football signed by Joe Paterno $130, Black Bear Structure Winross truck $130, Dutch Gold Honey Winross truck $90, Mum quilt $350, diamond quilt $85, child's wall hanging quilt $75, candy filled Valentine baskets $2 to $10 each, gift certificate for Days Inn $55, gift certificate from Agway for 150 gal. fuel oil $155 and gift certificate from Binkley & Ober for crushed stone $125.

Auctioneers were Dennis Wolgemuth, Dave White, John Stauffer & Bob Wolgemuth.

PETREE SALE

A Public Auction of tractors, trucks and tools was held February 6 by Dr. and Mrs. Herbert Petree, Covered Bridge Road, Sergeantsville, New Jersey. There were 251 registered bidders at the sale on a snowy day.

Some prices were: J.D. 4320 D tractor w/ loader $8600, David Brown 990 tractor w/ loader $4150, 1979 Int. dump truck $3100, 1948 Int. truck $600, 15 foot Bush Hog rotary mower $2800, 5 foot Woods rotary mower $400, N.I. manure spreader $260, Int. 4-row cultivator $400, 6-wheel three axle Zimmerman trailer $2000, Kubota PTO 3 ft. rototiller $1300, 8" PTO post hole digger $240, generator $250, Great Hachly 1 horse buckboard wagon $1400, Western saddle $400, Atlas wet-dry shop vacuum $135, 5 tractor cylinders up to $65 each, 4 semen tanks $85 each, 15" auto planer for 15" boards $460, 2 single harpoon hay forks $30 each, metal roofing $1297 and lots of used lumber $3163.

Craftsman tools sold were: drill press $170, shaper $255, belt sander $240, radial arm saw $220, table saw $210 and air compressor $210, also 4" jointer $175.

Arthur Hanna was the auctioneer.

PUBLIC AUCTION

SAT., APRIL 24
At 10:00 A.M.

One Mile North of HEGINS, Schuylkill County, PA; from I-81, Exit 34 take Rt. 25 West to Hegins, turn North on Rt. 125, to Deep Creek Road on South side of Mahantongo Mountain; watch for auction sign at the third property.

17 ACRE FARMETTE

Approximately 4 Acres tillable, balance wooded with frontage along Deep Creek Road and along Route 125. Close to State Game Lands No. 132, Good Hunting Area.

2½ STORY 3-BEDROOM FRAME DWELLING with BATH

No Central Heat; Drilled Well also Mountain Spring Water; Small Barn.

A lovely country property in a quiet setting surrounded by mature trees. The possibility exists to have building lots along Route 125, and along Deep Creek Road. Check it out!

FOR INSPECTION CALL:
717-425-3313.

Also selling FULL LINE HOUSEHOLD FURNISHINGS including: Frigidaire Refrigerator, nice condition; 10-Pc. Depression Era Dining Room Suite; etc. ANTIQUES & COLLECTIBLES including: Elmira Kitchen Stove w/Warming Closet; Oak High Back Chairs; Bed w/Floral Decorations; 4-Pc. Depression Era Bedroom Suite; Blanket Chest w/3-Drawers; Decorated Washstand; (2) Jelly Cupboards; Kitchen Cabinet; Brass Bed; Life Magazines, etc.

IRMA R. GABLE, Owner
Eugene H. Gable, Attorney-In-Fact
James P. Diehl, Esq.,
Williamson, Friedberg & Jones

DEIBERT MIKE AUCTIONEER AU1599 L 717-425-3313
GEORGE REALTOR & AUCTIONEER AU209 L

PUBLIC SALE

We will offer for sale the following farm equipment located 7 miles South of Martinsburg, WV OR 14 miles North of Winchester, VA off Interstate 81, Take Exit #5 (Inwood) Route 51 East approx. 3½ miles East Of Inwood, WV turn right at Shutts Cash Grocery - .2 mile to sale.

MONDAY, FEBRUARY 15, 1993
AT 9:00 A.M.

484 International w/2250 loader, 2000 Ford diesel, 550 Satoh, 175 Massey Ferguson, 995 David Brown, AC 7000 w/1600 hrs., 185 AC w/cab, 2040 John Deere w/2300 hrs., 180 AC, 910 Long w/1619 hrs., 580B Case backhoe, NI tandem manure spreader, 352 NH mixer/grinder, 1209 John Deere 9' haybine, 1190 Int'l haybine, 3640 Case Int'l round baler, 8420 Case Int'l round baler, KD lift forks w/side shuttle, 300 gallon trailer sprayer w/booms & pump (like new) and 36-18 bushel apple bins. We will also offer for sale approx. 250 pieces of new and used farm equipment including rakes, rotary cutters, yard rakes, plows, new utility trailers, household articles and many other farm articles too numerous to mention.

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID REQUIRED TO ACQUIRE A BIDDING NUMBER. ALL ANNOUNCEMENTS SALE DAY TAKE PRECEDENCE OVER ALL ADVERTISING.

Open Daily - Monday through Saturday
8 A.M. Until 5 P.M.
Consignments Welcome
No Consignments Taken On Sunday
Bring A Load - Buy A Load - Trade A Load
EDGAR A. BOHRER, SR. - SALE MANAGER
WV LIC. #18
EDGAR A. BOHRER, JR. - APP. AUCTIONEER
WV LIC. #A-78
304-229-8354

NOTE: DUE TO DAILY BUSINESS CERTAIN ITEMS MAY BE SOLD PRIOR TO SALE DAY. HOWEVER, THERE WILL BE A GOOD SELECTION OF TRACTORS AND FARMS EQUIPMENT.
NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

FARM MACHINERY AUCTION

Vegetable Equipment - Irrigation - General Line

FRI., FEB. 19, 10:00 A.M.

AT THE PROBASCO FARM, 89 SKYESVILLE ROAD
BETWEEN CHESTERFIELD AND WRIGHTSTOWN
(In Burlington County, New Jersey)

Sale to be held at the farm, 89 Sykesville Road. Directions From New Jersey Turnpike Exit 7 take State Rte. 206 south to State Rte. 68 (toward Fort Dix), at first traffic light turn left onto County Road 537, follow through next traffic light to first blinking light (app. 1 mile) turn left onto Sykesville Road, farm is second on right with grain bins.

Totten Bros., George Rue, Will Drews and Bud Dey have totally discontinued potato farming and Chris Probasco has changed his potato farming operation to strictly bulk handling. No longer having use for the following equipment, it has been pledged to absolute public auction!

TRACTORS-COMBINES-DOZER: Clean JD 450B Dozer w/4 in 1 blade (blade opens up); Sharp pr. of IH tractors 1066 and 766!; 1978 Case 2870, 4WD tractor, 20.8-34 rubber, duals all around, 3 pt., p.t.o., and 4 hyd. outlets, air and heat in cab; JD 4420 diesel combine with grain head; Gleaner M-2 diesel combine with zero hrs. on freshly rebuilt engine, all updates to same as "generation II" selling complete with 15 ft. grain head with new style reel and tiger jaw cutter bar, also with model A630 6-row narrow corn head!; AC 190 high clearance LP gas tractor; Ford 600 series tractor; Oliver 770 gas tractor;

GENERAL EQUIPMENT AND IMPLEMENTS: 1988 Hardy 1000 gal. adjustable tandem axle sprayer with 82 ft. chicken wing hyd. fold spray booms, hi-low pressure pump; Brillion 21 ft. crowfoot cultipacker; Brillion GLP 5 ft. seeder; IH 800 series 3 pt. 10-row tool bar type early riser bean planter; Marliss 20 ft. no till grain drill; 2 IH model 50 12 ft. flail type corn stalk choppers; John Bean 100 gal. 3 pt. air blast sprayer; Agrotec "Generation II" 3 pt. sprayer with 30 ft. boom; Myers 400 gal. poly tank sprayer with 60 ft. booms and high pressure pump; Hardy 500 gal. tandem axle sprayer with 48 ft. booms and foam markers; JD 4-18 roll-over plow with coulters; Oliver model 6342 4-18 roll over plow; Oliver 7-16 semi-mount trip bottom plow; JD 145 6-16 semi-mt. plow; Brillion 25 ft. hyd. fold transport crowfoot packer; Brillion 18 ft. crowfoot packer on hyd. transport; Glencoe 19 ft. field cultivator; Deutz Allis 1200 18 ft. hyd. fold field cultivator; Bearcat 15 ft. cultimulcher; IH 45 21 ft. vibrashank; IH 3 pt. 9 tooth subsoiler; MF 6-row wide or narrow 3 pt. cultivator; 2 JD 4-row 3 pt. cultivators; JD 4-row front mount cultivator; 12 shank 3 pt. tool bar; Brillion 12 shank 3 pt. chisel plow; Mohawk 15 ft. chisel plow; Mohawk 12 ft. chisel plow; Lilliston 3 pt. 4-row rolling cultivator; 2 Brillion 3 pt. 16 ft. danish tine (11 gang) cultivators with spray plumbing (set for 18 in. soybean rows); Brillion 18 ft. spring tooth harrow; Stoltzfus 36 ft. fert. spreader; 8 ton metal box fert. tender with 9 h.p. B.&S. motor; Haines 30 ft. tube type belt fert. conveyor with 5 h.p. motor; JD and Easy Flow 12 ft. lime or fert. spreader; JD 12 ft. lime or fert. spreader; 12 ft. Gandy applicator; 28 ft. flat bed tilt trailer on dual wheels; Pr. of 200 gal. low profile saddle tanks with brackets; Snowco 36 in. squirrel cage grain cleaner; Oliver 1610 hyd. front end loader; 2 material buckets; set of buster bars; 2 section rake attachment for disk; Dunham 7 ft. pulverizer with transport; Lely 12 ft. roterra; King Kutter 3 pt. 5 ft. rotary mower; Ford 3 pt. 2-14 plow; Rhino model 100 6 1/2 ft. 3 pt. scraper blade; Lely PTO broadcast spreader; IH canopy (4 post with roof) for 86 series tractor; 1 Cat. 2 quick hitches.

IRRIGATION: Detroit 371 diesel power unit with hand clutch, freshly rebuilt!; Piston drive water winch with (660 ft. hose used one season) complete with hose cart and horizontal looper; 2 vertical hose loopers; 5 Wheel Lines including 2 Sure Roll and 2 Anderson Miller 5 in. and 1 Ireco 4 in.; 25 lengths of 6 in. x 40 ft. alum. pipe with couplers; 12 lengths of 6 in. x 30 ft. alum. pipe with couplers; 40 lengths of 5 in. x 40 ft. alum. pipe with couplers; 50 lengths of 4 in. x 40 ft. alum. pipe with couplers and sprinklers; 90 lengths 6 in. x 20 ft. galvanized pipe; 15 lengths 8 in. x 20 ft. galvanized pipe; 6 in. suction line; 10 h.p. electric Deming pump; Marlow p.t.o. pump; Marlow p.t.o. pump with 8 in. discharge; Rain Master 6x6 pump with Chrysler Industrial 6 cyl. engine; Marlow 6x6 pump with Chrysler l.p. gas engine; Hale pump with blown motor.

POTATO FIELD EQUIPMENT: Lockwood 40 row planter with dry fert. boxes, gandy applicators and cross elevator; 3 Diltz Wetzel spool type seed cutters with treaters; Hesston 445 hook chain harvester with hyd. vibrator, 30 in. digger beds and 32 in. side elevators; Dahlman 2-row harvester; Champion 2-row harvester (these cut down into nice windrowers); Lockwood harvester for parts; good belted chain for Dahlman mounted harvester; 2 Haines swivel style rear mount seed unloading units for bulk bodies; 2 Haines bulk truck loaders/bin stackers with 36 ft. conventional swing booms, 1 has 26 in. and other has 24 in. grader and roller picking tables; Belt type harvest aid for vegetables; Two Holland single row transplanters on 3 pt. tool bar.

BIG PACKING HOUSE SELECTION: 2 Kipers "Weigh O-Matic" 4 head automatic 50-100 lb. baggers with 5 ft. finished product conveyors; 2 Kipers "Weigh O-Matic" 4 head auto. 50 lb. baggers; 3 Hamer round wire closers; Haines 60 in. x 13 ft. lp gas fired dryer with 10 h.p. squirrel cage drying fan; 2 Haines dirt eliminators with draper chain over opposite direction belts; Haines portable app. 50 cwt holding hopper; Haines hyd. pallet box filler with auto. electric eye control; Haines 48 in. x 9 ft. washer with sponge drying rolls; Hallock 48 in. washer; 2 Haines 48 in. x 9 ft. roller picking tables; Haines 36 in. x 8 ft. roller picking table; Haines 36 in. chef spool sizer with sweep top and 36 in. distribution belt; Hallock 36 in. 5 roll chef sizer with side discharge; Haines 48 in. x 5 ft. chain sizer; Haines 36 in. x 5 ft. long chain sizer; Lockwood 36 in. x 42 in. chain sizer; Boggs 48 in. x 8 ft. center drive picking table with steel rollers and side discharge; 2 Haines 12 ft. taper bottom flumes; Tew 36 in. x 5 ft. long return belt distribution table; Haines double and single 50 lb manual baggers; 2 Tew 10 lb baggers; 2 5-10 lb foot baggers; round packing table; 2 Pecking scales; 5 ft. alum. dock plate; 38 wooden pallet boxes (40 x 48 x 30 in. high); Vegetable and greens dipper for bushels or crates; 4 ft. x 6 ft. alum. dock plate; Hand pallet jack; etc.!

GOOD CONVEYOR SELECTION: American conveyor 36 in. x 8 ft. long flat belt, conveyor; 2 Haines 16 in. x 40 ft. long flat belt unit on scissors; Haines 12 in. x 20 ft. flat belt, conveyor; Haines 16 in. x 35 ft. flat conveyor on legs with hyd. lift; Haines 18 in. x 13 ft. goose neck style rubber coated draper chain conveyor; Haines 8 in. x 33 ft. flighted belt conveyor on legs; Haines 24 in. x 12 ft. flighted chain conveyor; Haines 12 in. x 15 ft. rubber belt conveyor with flights; Haines 24 in. x 18 ft. rubber belt conveyor with flights; Lockwood 24 in. x 13 ft. rubber coated chain conveyor; 2 Lockwood 12 in. x 12 ft. flighted belt conveyors; King Wyse 18 in. x 17 ft. draper chain transport elevator; Alum. 6 in. x 28 ft. conveyor; 36 in. x 30 ft. and 36 in. x 12 ft. flat belt conveyors; 8 in. x 20 ft. and 8 in. x 6 ft. chain conveyors; 12 in. x 22 ft. flat belt conveyor; 16 in. x 16 ft. flat belt conveyor; 18 in. x 16 ft. draper chain trash conveyor; 12 in. x 16 ft. flat belt trash conveyor; Homebuilt 28 in. x 10 ft. belted, rubber coated flighted chain conveyor; Homebuilt 14 in. x 9 ft. corrugated belt finished product conveyor; Haines 45 ft. flat belt conveyor; and others!

TRUCKS-TRAILERS: 1965 Mack F-model yard tractor with 15 sp. trans.; 1955 Ford with grain body and hoist; 1970 IH 1600 with Ziggy 16 ft. bulk produce body; 1972 Ford 800 Louisville 10 wheeler (not running) with Ziggy 16 ft. bulk body; (3) 1970- 1969- 1968 GMC 5500 trucks with aux. trans., and 14 ft. bulk produce bodies; 1965 IH R-190 with Ziggy 16 ft. body; 1964 GMC 4000 with aux. trans., and Haines 14 ft. body; 1958 GMC 450 with Dahlman wooden 14 ft. body; 1940 GMC Mason dump truck; 1963 GMC with 5 ton mobility spreader unit (whirler); IH 200 with 14 ft. Dahlman body; 1953 Chevy with 14 ft. Dahlman body; 1981 Datsun diesel pickup with tool box; 1983 Chevy 4x4 (Township) pickup 3/4 ton with snowplow; Graham 36 ft. tandem axle flat bed trailer with 10:00 rubber; Strick 38 ft. tandem axle flat bed trailer with 10:00 rubber and sliding tandem; Trailmobile 42 ft. van trailer for storage; 1988 Trailking construction style 12 ton lowboy triaxle trailer with pintle hitch; 12 ton tandem axle construction trailer.

ADDITIONAL ITEMS: 1988 Hardy 1000 gal. adjustable tandem axle sprayer with 82 ft. chicken wing hyd. fold spray booms, hi-low pressure pump; Sharp pair of IH tractors 1066 and 776!; JD 4420 diesel combine with grain head; Brillion 21 ft. crowfoot cultipacker; Detroit 371 diesel power unit with hand clutch, freshly rebuilt!

NOTE: Desirable Machinery Here! Forklift on site. Truckers available. Lunch and portajohns on site.

TERMS: CASH. Honorable checks will be accepted to customers known to the Auction Co or owners. Unknown persons should bring bank letter of guarantee or make prior approval arrangements with the Auction Co. The Auction Company reserves the right to deny removal of purchases until check clearance!

SALE SITE PHONE: Mr. Chris Probasco 609-298-0333.
For Information Contact Sales Agent:
Jimmy VanHise 609-443-5369 evenings or 609-655-5220 Days.

Auction Conducted By:
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520
(Remember the Facey Farm Auction Next Day Same Area.)

Sale Reports

PETERS SALE
A Public Auction of farm equipment was held February 6 by Sandy and Emil Peters, Stormstown, Centre Co., Pa. along Route 550.

Some prices were: Int. 1066 hydro tractor $10,100, Brillion seeder $1700, Oliver 2255 tractor $4900, Zook manure spreader $2800, N.H. 848 round baler $5700, Danuser post hole driver $610, two J.D. 620 tractors $1950 & $1500, N.H. 469 haybine $1650, Pequea tedder $950, N.I. elevator $1200, J.D. 4-bottom plow $1300, Bushhog disc $1600, J.D. 830 haybine $900 and Caterpillar 955 crawler (needed repairs) $4600.

Ronald J. Gilligan was the auctioneer.

CONSIGNMENT SALE

A Public Auction of antiques and collectibles was held February 6 at the Fernville Fire Hall, Bloomsburg, Pa. There were 97 registered bidders at the sale.

Some prices included: Persian rug $950, oak crank telephone $210, 4 Princess depression tumblers $45, hat pin holder $32, small finger lamp $35, Hop-A-Long Cassidy glass $22.50, Roseville vase $65, depression salt & pepper shakers $65, 2 Mary McGregory tumblers $60, 2 Mary McGregory jars $95 & $150, baby bowl $65, Noritake tea set $120, quilt $125 and sulfite marble $80.

Ray Moncavage was the auctioneer.

HESS ESTATE SALE

A Public Sale of furniture and antiques was held February 6 for the estate of Mary A. Hess, Winterstown Fire Company Hall, 4 miles southwest of Red Lion, York Co., Pa. on Route 24.

Some prices received were: 10 piece pitcher & washbowl set $400, Empire chest $200, depression glass $15 to $35 per piece, ball & claw foot diningroom table $200, 6 oak kitchen chairs $90 each, 6 press-back chairs $75 each, modern two-piece hutch china closet $100, nickle Ray-O-Lite $75, Whirlpool 18 cu. ft. refrigerator $400, depression bedroom suite $235 and cedar chest $80.

Sechrist Auctioneers managed the sale.

CONSIGNMENT SALE

A Public Sale of farm machinery was held February 6 at Walters Farm, U.S. 13 north of Canterbury Light 8 miles south of Dover, Delaware.

Some listings were: J.D. 4425 combine $22,300, Case 530 tractor $2175, Ford 2000 tractor $2700, Farmall Cub $1900, J.D. 1210A grain cart $4300, J.D. 7100 12-row planter $8650, Int. 14 ft. disc $1800, J.D. 410 backhoe $9700, 1979 GMC utility body truck $950, A.C. 12 ft. road grader $1400 and J.D. 7 ft. hay tedder $400.

The auctioneer was Sam Walters III.

ZIMMERMAN SALE

A Public Sale of real estate including several buildings was held February 6 by Elam N. Zimmerman and Laura B. Zimmerman, 610 N. Farmersville Rd., Ephrata Township, Lanc. Co., Pa.

The 3½ acre property was sold for $200,000 to Ammon Shirk, R.D. 3, Ephrata, Pa. Included was a 2 story brick and vinyl-sided house, a 30x70 foot steel-sided workshop, a 38x40 ft. block and steel-sided barn and an 8x12 foot wooden utility shed.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

PUBLIC SALE

FARM EQUIPMENT, '91 DODGE D PICKUP, TMR FEEDER, TOOLS, HOUSEHOLD GOODS

FRI., MARCH 5, 1993
9:30 A.M.

Located along Rt. 866, five miles North of Martinsburg. Twenty miles Southeast of Altoona. Huston Twp., Blair Co., PA.

FARM EQUIPMENT - TOOLS

Int. 856 Diesel W.F. Tractor With 38" Radial Tires; Int. 656 Diesel W.F. Hydro Tractor; Int. 684 Diesel Utility Tractor; CASE 1840 UNI-LOADER, 580 Hrs.; Int. 735 5 Bottom Vari-Width Plow; Int. 475 12' Transport Disc; Int. 55 9 Tooth Chisel Plow; Int. 4500 14' Field Cultivator; Brillion 10' Cultipacker; Vicon RT 2100 4 Row, S-Tines Cultivator; Int. 800 4 Row Cornplanter With 900 Update; 300 Gal. Trailer Field Sprayer; Gehl 800 1000 R.P.M. Harvester With 30-38 Head And Pickup; Gehl 920 3 Beater Forage Wagon With Roof; Int. 110 3 Beater Forage Wagon; CASE-INT. 600 Forage Blower, Like New; N.H. 489 Haybine, Like New; N.H. 256 Rolabar Rake With Dollie; Pequea Hay Tedder; N.H. 315 Baler With Thrower; Bale King 8'x18' Steel Bale Wagons; Gehl 8'x18' Wooden Bale Wagon; N.H. 36' Bale-Corn Elevator; FORD-N.H. 355 Hyd. Drive GRINDER-MIXER With Scale, Like New; Gehl 72 Flail Chopper; Gehl 312 Scavenger II Manure Spreader; N.I. 325 NR Cornpicker; 3 Gravity Bins On Gears; Grove 8' 3 Pt. Blade; 3 Pt. Fert. Spreader; Hyd. Dump Trailer; 16.9x30 Tractor Chains; Int. Weights; 2 Gandy Electric Applicators; 9. Chisel Teeth; Portable 20 KW P.T.O. Alternator; G.E. 250 AMP Welder; 2 Hyd. Cylinders; 12 Speed Drill Press; 20 Ton Hyd. Press; 2-50 Ton Hyd. Jacks; Cherry Picker Hoist; 200 Lb. Anvil; Metal Band Saw; Knipco 95,000 BTU Heater; 2 High Pressure Washers; Parts Washer; Several Electric Drills; Stack-On Tool Chest; Sears Airless Paint Sprayer; Bench Vise; Battery Charger; Jig Saw; Parts Bin; Fuel Pump; 48" Portable Fan With 2 H.P. Motor; Misc. Mechanic Tools; Tarps; V Belts; Reel Light; Creeper; Roper 22" Lawn Mower; Lot Of Scrap Electric Motors And Scrap Iron; Plus More Farm Related Tools.

NOTE: This Good Clean Line Of Equipment Was Kept Inside.

PICKUP - TRAILERS

1991 DODGE RAM 250 DIESEL 4x4 PICKUP With Gooseneck Hitch, Duals, 27,000 Miles; Hillsboro 24' Gooseneck Tandem Trailer, GVW, 14,250, Like New; Monarch 16' Tandem Stock Trailer With Roof, GVW 9800.

NOTE: Vehicle Buyers Must Have A Current Bank Credit Letter Specifying This Sale. Title Transfers Available Day Of Sale.

RISSLER 60 BU. PORTABLE TMR FEEDER

HOUSEHOLD GOODS

Slant Top Desk With Glass Knobs; 6 Plankbottom Chairs; 3 Bedroom Suites; Library Table With Drawer; Bureau; Metal Wardrobe; Maytag Wringer Washer; Caloric Gas Stove; Sausage Stuffer; Meat Slicer And Grinder; Step Stool; Child's Encyclopedia; Record Player Stand; Wooden Hamper; Misc. Dishes, Bedding, Material; Plus More Items Not Listed. Come Early And Enjoy The Day With Us.

Sale Order...Tools, Household Goods, Equipment, Vehicles.

Sale For:
David S. And Martha W. Zimmerman
814-793-3421

Auctioneers
Nevin Z. Martin and Sons
AU1078L

Out Of State Buyers Need Cash Or A Current Bank Credit Letter. Not Responsible For Accidents - Lunch Served

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LARGE
FARM LAND & MACHINERY
AUCTION SALE
THURSDAY, MARCH 4, 1993
10 AM
White Oke N.C.
Close to Fayettville, N.C.

500 Ac. of Cattle Land - Milk Operation - Silo Equipment - Silage Equipment - Hay Equipment - Farm Equipment - Komstsue Dozer - 8 Tractors - Trucks - Trailers - Grain Bins.

For More Info Contact
LLOYD MEEKINS & SONS REALTY & AUCTION CO.
Lumberton, N.C.
919-739-0547
919-739-0381 Night
NC LN 858

AUCTION

OF TRACTORS, FARM EQUIPMENT, TOOLS - HOUSEHOLD GOODS, FARM RELATED ITEMS, ANTIQUES
THURS. MARCH 4, 1993
AT 9:30 A.M.
Located At: 255 Hilldale Road Mt. Nebo, Penna. (Lancaster County) Directions from Lancaster- Take Rt. 272 South to Truce Rd. (Turn Right) to Rawlinsville Crossroad-Continue straight to Hilldale Road (at Mt. Nebo Store) Turn right to Sale: Signs will be posted.

TRACTORS
****ALLIS CHALMERS-170 Diesel**
ALLIS CHALMERS-D17*
****ALLIS CHALMERS-WC****

Allis Chalmers Equip. Incl. Manure Spreader- Flail Chopper- Chisel Plow- Hayrake- Disc. Harrow- Baler w/Thrower- 4 Row Corn Planter- 3 Pt. Plow- Combine w/Bin.

--OTHER MISC. EQUIPMENT--

*New Idea 2 Row (Narrow) Corn Picker *New Idea 2 Row (Wide) Corn Picker*** 4-Hay Wagons w/high sides (1 w/new running gear)- 1 Flat Wagon- Oliver Grain Drill- Brillion 10' Cultipacker- McFlail Chopper- John Deere Crimper- Farm Hand Hammermill w/Mixer- 3 Gravity Bin Wagons- 10 Ton Dump Wagon- 36' Elevator- International Spring Harrow- 3 Point Power Take Off Post Hole Digger (Like New)- Small Utility Trailer (No Title) Weed Sprayer- Hawk Built Tank Manure Spreader- 2 Feed Carts- 1,000 Gal. Water Tank- Barn Cleaner w/New Chain- 2-250 Gal. Gas Tanks (1 w/Hand-Pump- 1 w/ Elect. Gasboy Pump)- Poultry Picker- Gas Fired Poultry or Butcher Scalder- Tractor Weights- Lots of Heavy Cable- Tractor Chains- Handyman Jack and other Jacks- Oil Drums- Misc. Axles- Corn Sheller- Troy Built Rototiller- Fence Stakes- Chicken Crates- Lanterns- Crocks- Tubs- Buckets- Old 7-Up Cooler- Farm Bell- 2 Wagons full of misc. small tools etc.- Lots of Nuts- Bolts- Hardware- Misc. Household Goods.

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INSPECTION: MONDAY, FEBRUARY 15 - 9A.M. - 4 P.M.
TERMS: CASH OR CERTIFIED CHECK -25% DEPOSIT REQUIRED (MINIMUM $100.00)

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How To Cook Today's L

GAIL STROCK
Mifflin Co. Correspondent

LEWISTOWN (Mifflin Co.) — The steaks you served your family last night were as tough as the styrofoam they came in. And your family — and the company coming tomorrow night — deserves something better, something different, like kabobs on the grill or sumptuous stirfry.

But how can you be sure of succulent, tender strips of beef? How do you cook today's leaner cuts of beef for melt in your mouth satisfaction?

It begins, says Jane Beightol, Mifflin County's Family Living Extension agent, with knowing your cuts of beef. Beightol spoke at the Homemaker Leader meeting in the kitchen/meeting room of the Mifflin County Courthouse in Lewistown. Starting with a tender cut of beef is a good first step. Learning to tenderize helps even more.

"Your more tender cuts of beef are here," Beightol said pointing to a chart. For tender cuts, choose back portions on the carcass including sirloin, short loin (porterhouse steak, tenderloin steaks and roasts, T-bone steaks and boneless top loin steak), and rib cuts (rib roasts and steaks, rib eye roasts and steaks, and back ribs). All other areas of the carcass are less tender — round roasts and steaks, fore shank and brisket cuts, chuck (roasts, steaks, pot roasts, and short ribs), flank steaks, ground beef, cubed steaks, and beef for stew.

As Beightol spoke, she moved to a kitchen demonstration area. To prove the difference in cuts of beef, Beightol prepared beef stroganoff two ways — regular with sirloin, and "light" with round steak. While the beef strips and mushrooms simmered, Beightol talked about tenderizing meat.

Beightol said today's choices for fast, nutritious beef meals are round steak and sirloin steak. Working with round steak, Beightol brought out steak marinated in a lemon and basil marinate. Another packet of round steak had been sprinkled with store-bought tenderizer a couple of hours before. The third steak, Beightol tenderized by pounding.

Leaner meat, Beightol explained, his little fat on the outside or marbling, and marbling is what makes meat tender.

How meat is cooked also affects tenderness. Beightol explained dry heat methods and moist heat methods.

Dry heat methods use direct or indirect heat without moisture. More tender cuts of beef can be used when cooking this way — roasting, broiling, grilling, panfrying, stir-frying, and panbroiling.

In roasting, use an open pan, add little or no water, and roast in a slow oven (250-325 F). Rib roasts, sirloin tip roast, and tenderloin roasts are best.

When broiling, choose T-bones, porterhouses, ribeye, strip loin, sirloin steaks, and ground patties.

Pan-broiling, for example hamburgers, means placing meat in a pre-heated frying pan with no oil or water.

Pan-frying/stir-frying meat means using a preheated pan with a small amount of oil and no lid. Top round steaks and sirloin steaks panfry well.

Moist heat methods for cooking are braising and cooking in a liquid. Less tender cuts of beef can be used because braising involves adding a small amount of liquid, covering tightly with a lid, and cooking at a low temperature. Arm roasts, T-bone roasts, short ribs,

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Cook's Question

(Continued from Page B8)

ANSWER — Susan Howard, Mt. Pleasant Mills, requested a recipe for lemon poppy seed muffins made with sour cream such as those served by Kathryn Flint's Restaurant in Jim Thorpe. Thanks to Patricia Shedleski, Delta, who asked a friend who had a sister living in Jim Thorpe to obtain the recipe. Here it is.

Lemon Poppy Seed Muffins
a la' Kathryn Flint's Restaurant

Follow muffin recipe on the box for Pillsbury Muffin Mix but substitute 2 tablespoons lemon juice for some of the water.

Substitute sour cream for the eggs or oil required.

You may need to experiment with the consistency by adding more or less liquid. Add poppy seeds. Bake as directed.

ANSWER — Joan St. Germain, Attleboro, MA., wanted a recipe for almond poppy seed muffins. Thanks to Nancy Tyson who said that she doesn't have a recipe for the almond variety but her family enjoys the recipe that follows.

Poppy Seed Tea Bread

3 cups flour
2½ cups sugar
1½ teaspoons salt
1½ teaspoons baking powder
3 eggs
1½ cups milk
1 cup plus 2 tablespoons vegetable oil
2 tablespoons poppy seeds
1½ teaspoons vanilla
1½ teaspoons almond extract
1½ teaspoons butter flavoring

Preheat oven to 325 degrees. In large bowl, mix well all ingredients about 2 minutes. Pour into two greased and floured loaf pans and bake 60 minutes or until cake tester is clean. Cool 10 minutes in pan.

Glaze:

¼ cup fresh orange juice
¾ cup sugar
½ teaspoon vanilla
½ teaspoon almond extract
½ teaspoon vegetable oil

Heat all ingredients until sugar melts. Prick bread with a fork and cover with warm glaze.

ANSWER — An Elizabethtown reader wanted a sand tart cookie recipe that uses sour cream and egg yolks. Thanks to a reader for sending a recipe taken from the Brethren Cookbook.

Sand Tarts

2 cups sugar
1 cup butter, softened
4 egg yolks
3 cups flour
1 teaspoon baking soda
1 tablespoon sour milk

Cream sugar and butter until very creamy (cannot feel sugar with hands). Mix with hands as warmth of hands helps to melt sugar and blend butter better.

Add egg yolks and sour milk. Mix in 2 cups flour, add remaining 1 cup flour and mix together to make a soft dough.

Roll dough thin and cut with cookie cutters or divide dough in half, roll into logs and refrigerate until firm. Slice thin. Brush with egg white and sprinkles. Bake at 350 degrees for 8 to 10 minutes. Makes about 12 dozen 2-inch round cookies.

(Turn to Page B29)

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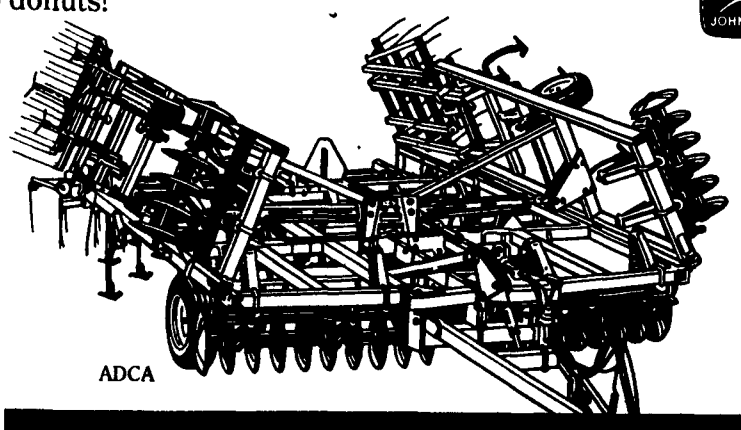

ADCA

GOOD DEALS... AND A GOOD DEAL MORE

LEADERSHIP AT WORK

y Leaner Cuts of Meat

and round steak are good for braising.

Stew meats, boneless brisket, and shank cross cuts become more tender when cooked in a liquid.

Beightol offered another tip when choosing tender beef — the redder the meat, the less tender.

But the best part of the program was yet to come — taste testing. By serving up the stroganoff both ways, homemaker leaders tasted the difference, then went back to compare the round steak tenderized three different ways.

For your own experiment, try these recipes:

Beef Stroganoff
(regular)

2 tablespoons flour
¼ teaspoon pepper
2 tablespoons shortening
1 tablespoon tomato juice
¼ pound fresh mushrooms, sliced
1 cup dairy sour cream
¼ teaspoon salt
¾ pound beef sirloin (cut into thin strips)
½ cup beef broth, condensed
1 teaspoon Worcestershire sauce
2 cups noodles, cooked, unsalted

Beef Stroganoff
(light)

2 tablespoons flour
¼ teaspoon pepper
¾ pound beef round steak, boneless, trimmed
½ cup beef broth, condensed
1 tablespoon tomato juice
1 teaspoon Worcestershire sauce
¼ pound fresh mushrooms, sliced
1 cup low fat yogurt
2 cups noodles, cooked, unsalted

Beef will slice better if partially frozen. Wash and slice mushrooms. Cook beef strips and mushrooms in frying pan until brown.

Use non-stick frying pan and a shot of non-stick cooking spray instead of browning in shortening. Add broth, tomato juice, and seasonings. Cover and simmer 45 minutes. If using yogurt, mix with flour until smooth. Stir in beef mixture. Cook, stirring constantly until thickened. Serve over noodles.

Beightol also has available a video, teachers' guide, suggested activities, cooking chart, and a "Basics About Beef" guide offered by the Pennsylvania Beef Council in Harrisburg, published by the Education Department of the National Livestock and Meat Board, Chicago.

Cook's Question

(Continued from Page B28)

ANSWER — Lynette Keaton, Accord, N.Y., requested a recipe for ginger snaps (that snap, not the soft variety). Thanks to Janet Tyson, Felton; Nancy King, Christiana, and others for sending recipes.

Ginger Snaps

¾ cup vegetable oil
1 cup sugar
¼ cup Brer Rabbit molasses
1 egg
2 teaspoons baking soda
2 cups flour
½ teapsoon cloves
½ teaspoon ginger
1 teaspoon cinnamon
½ teaspoon salt

In a bowl, mix the oil, sugar, molasses, and egg; beat well. Sift together flour, baking soda, cloves, ginger, cinnamon, and salt; add to mixture and mix well. Chill. Form 1-inch balls, roll in granulated sugar and place on greased cookie sheet. Bake at 375 degrees for 8 to 10 minutes.

ANSWER — Jane Heckman, Effort, wanted a recipe for a white cake that has sour cream in the batter. After pouring the batter in the baking pan, it is drizzled with melted chocolate chips and baked. When you eat the cake, you find swirls of thick chocolate. Thanks to Shirley Turner, Bloomsburg, for sending a recipe.

Chocolate Chip Sour Cream Cake

2 cups flour
2 eggs
¼ cup butter
1 cup sugar
1½ teaspoons baking powder
1 teaspoon baking soda
1 cup sour cream
1 teaspoon vanilla

Mix together ingredients. Pour half of the batter in a greased and floured loaf pan. Mix together the following ingredients:

¼ cup granulated sugar
¼ cup brown sugar
1 teaspoon cinnamon

Sprinkle one half of the sugar mixture over the batter in the loaf pan. Sprinkle with

6 ounces chocolate chips

Pour remaining batter over chocolate chips. Then top with remaining sugar mixture and

6 ounces chocolate chips

Bake at 350 degrees for 30 to 35 minutes.

ANSWER — A Dayton, VA. reader wanted to know how to keep a pumpkin cake roll from cracking when it is unrolled after cooling. Thanks to Alice Snyder, Hegins, for suggesting that instead of rolling a pumpkin roll that she layer it by baking three cakes and doubling the recipe for the filling. Layer the filling between the three layers and slice. Works great and looks great!

JOHN DEERE

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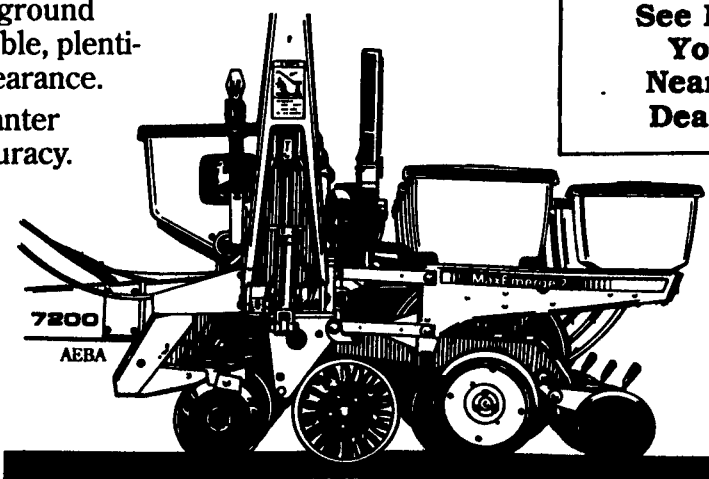

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Sale Reports

COIN SALE

A Public Auction of coins was held February 6 by a private owner at the Lisburn Community Fire Co., 1800 Main Street, Lisburn, Pa.

Some prices received were: 1878 silver dollar $35, 1880 silver dollar $55, 1881 silver dollar $90, 1882 silver dollar $37, 1883 silver dollar $60, 1885 silver dollar $160, 1987 $5 gold piece $55, 1987 Commerative gold & silver piece $70, 1789 to 1989 Congressional coin $17, 3 war nickles $6, 1976 two dollar bill $16, 1988 walking liberty $21, 1776 to 1976 bicentennial silver set $35 and 1987 prestige proof set $54.

Little IKE Eichelberger was the auctioneer.

KILBY SALE

A Public Sale of farm machinery was held February 6 by Gene and Betty Kilby, ½ mile east of New Texas off Route 222, 323 Black Barron Road, Lanc. Co., Pa.

Some prices included: A.C. 6070 D tractor $7500, A.C. 185 tractor $6600, A.C. 170 G tractor $4000, A.C. 45 tractor $1050, round bales of alfalfa hay $37 to $44 each, old grain cradle $100, copper kettle $200 and Bobcat skid steer-loader $2900.

The auctioneers were J. Everett Kreider, Stanley Bucher and Martin Heaps. There were 190 registered bidders on a snowy day.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FEBRUARY

SAT. FEB. 13, Modern farm equip., Ford truck, antiques & household goods Located along Huff's Church Rd., just E of Fredericksville; 4 mi E. of Dryville, 3½ mi SE of Kutztown; or 7 mi NW off Rt. 100-midway between Hereford & Bally District Tw, Berks Co. For William H & Joyce Reinert. Frey Auctioneers.

SAT. FEB. 13, Bert T. Ramsey, Jr. Drewryville (East of Emporia) Ownby Auction & Realty Co., Inc.

SAT. FEB 13 - 8 30AM, Personal Property, Antiques, Household Goods, Yard Equipment, Tools, Etc Located At Commonwealth Fire Hall, 2045 N. Sherman St., York, Pa. Turn North Off Route 462 On Sherman St At Traffic Light To Fire Hall The Following To Be Sold At Absolute Auction Brian L Gilbert & Jacob A. Gilbert, Aucts.

SAT FEB 13 - 8 30AM, Antiques, Furniture, Appliances, Collectibles, Sterling Flatware, Housewares, Musical Instruments, Farm Toys, Etc, From Two Fine Homes. Located Within Chanceford Community Building, Rt 74 South From York, Through Red Lion, And Continue 8 Mi. To Brogue Post Office On Right. Turn Right And Go 1/4 Mi. To Hall On Left. From The Home Of Mrs Iva M Sloat & The Estate Of Mrs Oda M. Zarfoss. Bob & Tom Sechrist, Aucts.

SAT FEB. 13 - 9AM, Antiques And Furniture From Local Estate Of Catherine L Ford Of Chestertown, Md Located At Rudnick's Sales, Route 213, Galena, Md Harry Rudnick & Sons, Inc Aucts.

SAT FEB. 13 - 9AM, Outstanding antique iron, primitives & hardware from the collection of Peter A. Renzetti Held at Horst Auction Center located at 50 Durlach Rd (Corner of Rte 322 & Durlach Rd) 2 miles west of Ephrata, Lanc. Co., Pa. For Peter A Renzetti Horst, aucts.

SAT. FEB. 13 - 9AM, Horses, Mules, Heifers, Full Line Of Farm Equipment & Tools. Located 12 Miles South Of Nine Points, 9 Miles North Of Oxford, At 313A Bell Road, Lanc Co , Pa. Owner, Jacob Kauffman Abe Diffenbach, Auct.

SAT FEB. 13 - 9AM Antiques, household goods From Strasburg go So on May Post Office Rd approx 1 mile, turn East on Shaub Rd ¼ mile to sale Kreider, Kline & Good Aucts Terms by Myrtle Metzler

SAT. FEB 13 - 9AM, Austin L. Davison Estate Located 3 Mi. N Of The Reading Regional Airport Pennypacker-Andrews Auction Centre, Inc.

SAT FEB. 13 - 9 30AM, Real Estate, Antiques, Collectibles, Toys, Etc., Snowmobiles, Tools. Located On Blank Rd., Lancaster County, Pa , 2 Miles East Of White Horse, Just Off Rt. 340 Auction Held For, Sharon L. Fisher. Steve & Steve Jr. Petersheim, Aucts.

PUBLIC AUCTION

SILO; FARM & DAIRYING EQUIPMENT

FRI., FEBRUARY 19, 1993

9:00 A.M.

Located halfway between Boyertown & Yellowhouse, Amity Twp., Berks Co., PA. Travel Rt. 562 4 mi. W of Boyertown, turn L onto Worman Rd. 1/2 mi. to Auction.

TRACTORS: JD 4230 diesel w/Quad Range & Sound Gard cab, good rubber; JD 4020 diesel w/power shift, new rubber; JD 3020 diesel (tricycle); Int. 574 gas gractor w/ hyd. loader & 2600 hrs; wf & end for JD tractor.

SILO, ETC- 20'x78' Madison NutraMatic concrete stave silo w/unloder; Badger XP24 unloader, Badger 12' silo unloader; Stoltzfuss 9 T feed bin (split to 7T & 2T); NOTE: silo & unloaders sold separately, silo to be dismantled by buyer at buyers risk.

HAYING & FORAGE EQUIP. - JD 830 12' Windrower w/Chrysler 225 CI 6 cyl. eng; NH 479 haybine; JD #50 side mtd. mower, Fahr 4 whl hay tedder; NH 256 hay rake; JD 336 baler w/hyd. ejector; (3) 18' Farmco & Farmbilt tubelar bale side wagons; 14' bale side wagon; NH 36' bale elev; 20' tube elev; NH 770 crop chopper w/ hyd spout, 6' pickup & 2 rw corn heads; Int 8 flail chopper; JD 216 chuckwagon w/roof; (2) JD 125 chuckwagons 1 w/roof; Gehl 99 forage spinner blower; McCor forage blower.

TILLAGE EQUIP. - Int 55 3 pt. 11 tooth chisel pl; JD 450 3 pt. 5 bt 16" pl; JD 145 3 pt. 4 bt 16" pl; JD AW 12' transport disc; Brillion 12' cultimulcher; 14' s roll cultipacker.

PLANTING & CULTI EQUIP - JD 7200 4 r no till c planter w/Max Imerge 2 planter setup; Int. 510 18 dble disc grain drill; Century 500 gal. in line weed sprayer w/30' boom, hyd. pump & catwalk (new); JD 3 pt 15' rotary hoe; JD 4 r cultivator.

GRAIN HAR & HANDLING EQUIP.- JD 4400 D combine w/213 G & 444 c heads; McCurdy 275 bu. & 175 bu. bin wagons; Grove 14' hyd. dump wagon w/sides; Little Giant 16' elev; Cardinal 12' elev.

DAIRY, CATTLE & FEEDING EQUIP - DeLaval 1000 gal. milk tank w/washer & compressor, over 200' glass pipeline & milker pump; (6) DV 300 milkers w/6 Super Flo claws; Apollo SX-34 semen tank; units of semen to be sold after tank; 2 units Glow, 2 units Ryan, 2 units Jubilant, 2 units Rambo, 1 unit Rochester Red, 4 units Stylist, 2 units Bovan Dan, 11 units Angus, 700 units Piper (home herd sire); (2) 6 stall calf kennels; Roskamp roller mill; Rissler 190 bu. feed mixer; Uebler 790 elec. feed cart; Rissler 64' tapered feeder; NH Farmco 24' port bunk feeder; 1986 Home Bilt 10'x6'x6½ ' cattle trlr w/ title; NH 680 tandem axle 2 beater manure spreader; Int. 560 2 beater manure spreader; Badger straw shredder; Jamesway silage carts; Rissler feed conveyors & elev; (5) 24" exhaust fans; (3) Ritchie heater waterers; watering tanks; CI water & hog troughs; asst cattle gates; fence stakes & posts; elec. fences; milk cans.

MISC EQUIP. & TRUCK - 1972 Dodge 300 1 T truck w/midwest body & 67,000 mi; JD 737 14' rotary cutter; JD 80A 3 pt. blade; Cont. 30 T hyd. press; 18.4x34 snap on duals; tractor tire chains; 2 pt. & other tractor weights; JD hyd cyl; asst lumber; channel iron & I-beams; lg barn door hinges; 24' wooden ext. ladder; (2) CI butcher kettles; butcher bench; Ariens rototiller.

HH ITEMS - dovetailed wood box; porch benches; picnic table; Waterfall dresser; Chifforobe; dbl bed; plus other small items.

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105 Milk Cows, 12 Bred Heifers,
53 Yearlings & Calves
DHIA RHA 101 Cows: 24950M 3.4% 836F 3.2% 786P
JANUARY TEST - 25 at over 100 lbs.
Herd is averaging over 80 Lbs. in the Tank!!

Sale Features:

**Emily - An Excellent 4 yr. old Tesk w/3-2 287d 22,888m 4.2% 950f 3.0% 690p. Proj. for 27,000m 1100f 755p at 4 yrs. and bred 1-29 to Crackin' Royal. Sells w/2 dau. A real nice cow!!

** Judy - A VG-88 Thor finishing w/26952m 2.5% 849f 3.2% 875p. This outstanding cow is due Mar. 20th to SWD Mark!!! Sells w/GP mat sister by Trifecta w/1-11 25442m 709f 802p and an Odin dau. Their dam GP-82 Jerry w/30593m 968f 919p and ovelr 173000m Lft. sells also!

** Fern - A sweet GP-84 Blackstar averaging 90 lb. for 4 mos. as 1st calf!! Proj. 24536m 672f 3.4% 834p! Bred 11-29 to Roebuck. Dam selling is VG-86 (Ex-man) Bova w/27251m 3.5% 955f 3.0% 823p and s/w/c to Thor, Grdam 3E-90 GMD DOM Glendell w/30000m 4.1% 1215f 3.1% 934p 3rd Dam VG-86 GMD Astronaut w/21190m 3.8% 801f. Sells w/Sept. Thor calf.

**Ebony - VG-86 (EX-mam) Thor w/26349m 703f 904p and proj. over 27442m at 3 yrs. 9 head sell in this family.

**Gretel - GP-82 Bell w/3 records over 1100f. Index +47 pro. Best record of 5-10 326d 34577m 3.6% 1240f 3.3% 1128p Due in June to Mark-O-Polo, Sells w/Ares dau.

** Clown - A VG-86 (EX-mam) Tesk proj. 1t 2-9 for 23405m 707f 764p. Due June to Blackstar. From Art Morrison's Pauline family.

Several Outstanding Grades:

** Glitter - Bova Glow just fresh from Dixiecrat dam w/22620m 3.6% 813f 3.2% 713p. Grdam w/23325m 4.1% 965f 3.3% 764p. Full sister sells.

** Sunspot - An outstanding Mark proj. for 33828m 1011f 925p. She had 8 tests over 100 lbs. Due in Aug. to Aerostar!!

** Raccoon - A nice Blackstar proj for 3-10 24495m 570f 780p. Dam Tulip is head of large family - including Glitter - above. She has records to over 24000m and 900f and daus. w/ over 31000m.

** Queen - Sweet Mark proj. for 18698m 564f 584p at 2-2. Due Sept. to Ch. Valiant. Dam Chairman w/4 records over 20000m.

** Sapphire - Nice fresh 1st calf Blackstar from 24000 lb. Spirit.

** Elicia - A nice Tesk w/3-1 319d 26309m 3.8% 988f 3.1% 827p due Mar. 11 to Leadman.

** Mork - A real good Ned Boy proj. for 24551m 862f 713p. Never under 20000m. Mat. sister by Michael sells making over 23000m due Aug. to Roebuck.

** Hannah - All juice!! Over 22000m as a sr. yrlg w/3.5% Prot. Sells fresh in Jan. from a 27000 lb. Jet Stream dam.

** Lisa - A sweet Bell Race w/1-11 28249m 3.6% 1016f 3.2% 912p. 1st 3 tests all over 111 lbs. and bred Dec to Blackstar. Dam is a Chairman w/over 30000m.

** And many, many more outstanding individuals!!

Farm Machinery Selling:

4030 JD tractor w/turbo 96 hp (9,000 hrs.) nice; JD 336 square baler; 18' hay wagon w/metal racks (nice); all loose barn equipment; all loose barn equipment.

Large Quantity of Hay:

Over 10,000 square bales of mixed quality (none rained on); 150 Large Round bales.

SALES MANAGER'S NOTE: This is a milky group of cattle! Only the top TPI sires have been used - on the grades as well as the registered and the results are coming thru!! Of particular importance — THIS IS ONE OF THE BEST GROUP OF HEIFERS AND CALVES WE HAVE EVER SOLD!! The sires are the best and they look great!! If you need herd replacements of any age don't miss this sale.

Terms: Cash or good check.

Owners:

LEROY & ELAINE SANDS
717-836-3902

Auctioneer: William Kent
AU-000480-L

Sale Manager:
WOODS AUCTION SERVICE
GORDON WOOD RD 2 MANSFIELD PA 16933
Ph 717-549 4901

For the MOST in advertising coverage and preparing your sale!

—Outstanding—

ANTIQUE PUBLIC AUCTION

CHERRY & PINE 12 PANE CORNER CUPBOARDS, SECRETARY/DESK COMB., 20'S FURNITURE, GINGERBRED & VICTORIAN 5' FL-8 DAY CLOCK/OTHERS, ASST. DISHES/GLASSWARE, 30+PCS. CARNIVAL, PRIMITIVES, WALL TELEPHONE/CHILD, CRADLE, 200+ POLITICAL/COLLECTOR PINS, FISHING LICENSES, COLLECTIBLE PENS/POST CARDS (MAUCH CHUNK)/ADV. PCS. & GUNS

SAT., FEB. 20, 1993

9:30 A.M.

Location: 20 Miles N. Of Allentown, 6 Mi. West Of Lehighton Off Route 443 In The Mahoning Valley Fire Hall, Carbon Co., Pa.

ANTIQUE FURNITURE: 12 Pane Wavy glass cherry & Pine Corner Cupboards (8' high), 20's bedrms., twin pineapple poster beds, hand painted commode chair (fiddleback), hand painted rocker, plank seated nursing rocker, dovetailed baby cradle-white knobs, oak desk/chair & rocker, hoosier cabinet, small maple corner cupboard, mahogany bow front secretary/desk comb., chest cabinet, church pew, singer sewing machine etc.

PRIMITIVES ETC.: Thomas Edison Cylinder Phonograph (not complete), wall mount antique telephone, grinding wheel (stone), picture/frame of George Washington, tramp sailboat, asst. crocks/jugs, asst. redware, decor. gingerbred- mantel- beehive- banjo- art deco figure clocks, beer trays- True Blue, Adv. 5 gal. tins, insulators, asst. tinware/cast iron pcs., coffee grinders, signed pewter, pole cast iron bell, hand made butcher/ladle & fork, bread kneader, scale, set of sad irons, hand wringer, asst. blue/grey agate, kero lamp bases, LVRR/Central RR lanterns, Cherry pitter, tin banks (Coplay National), Presidential spoons etc.

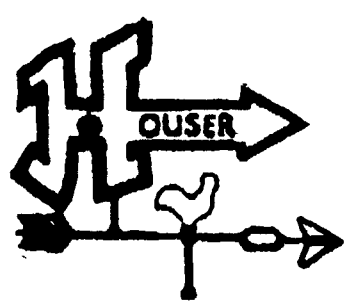
GLASSWARE/DISHES: Roseville/Hull pcs., Cow creamer, N. Pike platter fish plate, asst. Limoges pcs., asst. sketch- vaseline- pink depression- cobalt blue- pressed- hobnail- opalescent glass, glass basket, asst. bottles/ Hellertown dairy bottle etc., cruets, perfume bottles, candy (NECO) jar, salt dips, planter peanut jars, asst, glass candy containers, 30+ pcs CARNIVAL GLASS- bowls- vases (most pcs. perfect)- rare ACORN PASTEL color etc.

PINS/PENS/CARDS: Approx. 200+ campaign/political- novelty- baseball- organization pins (Hoover- Roosevelt- Nixon/ Lodge- Coolidge- McKinley/Hobart- Davy Crocket- Shirley Temple- Charles Lindbergh Wilkie- Elvis- Curt Simmons- Al Kaline- Lone Ranger- Orphanie Secret Society- Robin Hood etc.), asst. badges (Walnutport Redman) etc., HAT PINS COLL. -30+ Mt. stones- art deco- Rhinestones- Victorian etc., FISHING LICENSES (metal) w. pockets 1923-25-27-34-52-53-58, MECHANICAL PENS & PENCILS- good coll. of Conklin (red marble/black)- Parker (black/white/green marble), sets of Avon & Eversharp (green/ gold), Waterman Ideal F Pen (1909/black), Swan, Wahl (w.14kt tip), cresent 1917 (black- rare), Vacanatic (black) and many more, 200+ POST CARDS- old santas (embassed)- political- signed artists- ALLENTOWN- DORNEY PARK- SLATINGTON- MAUCH CHUNK- TAMAQUA- SCRANTON- PEN ARGYL etc.; Wild West (1915's)- Shadow- Boys Of 76 Etc. Coll. Magazines Etc.

GUNS: BERETTA S 57E Over/Under 12 Ga. Shotgun w. sling Mounts on barrell & stock- engraved (EXCELLENT COND.), SAKO 30-06 Finbear MANNLICKER STYLE RIFLE w. 3 to 9x Bausch & Lomb Scope.

Sale By: **B. RICHTER**

Doug/Tim Houser Aucts. AU-000446L
215-799-2396 or 717-386-2191



PUBLIC SALE
Sat., March 27
At 11:00 A.M.

REAL ESTATE

Real Estate from the estate of George E. Wisner Sr. Located along Cherry Run Road, R.D. #2 Glen Rock, Pa. off of Rt. 616 between Glen Rock and Seven Valleys or off of Shaffer Church Road.

REAL ESTATE

Country farm 40 acres more or less with large home, barn, and storage buildings, home has kitchen, living room, bath, bedroom, den or recreation room, laundry room on 1st floor, 4 bedrooms with closets on 2nd floor, attic, basement has lots of room for storage and work area, home has wood burning boiler furnace, hot water baseboard heat and elec. hot water heater, home is a log home with siding and a frame addition, 2 story cement block barn with room for cattle on 1st floor, storage room for hay or ideal work shop and 3 car garage on 2nd floor, smoke house, and other buildings for storage, never failing spring, about 18 acre tillable land, several acres of pasture with good fence and stream, bal. is woodland this is an ideal farm for cattle, sheep or horses with a home that can be renovated the way you like, located along Cherry Run Road Codorus Twp. York Co. for inspection of real estate call 757-1725 or 235-4146 for an appt.

Terms: 10% day of sale bal. within 60 days, Not responsible for any accidents.

Estate of
GEORGE E. WISNER, SR.
R.D. #2 Box 388, Glen Rock, Pa.
Cherry Run Road
Dennis Wisner Executor of estate 757-1725

Charles L. Wehrly, Auct.
235-4146 Lic. #AU985L
Darryle W. Cunningham
Atty. for estate
854-3836 or 235-7591

Public Auction Register
Closing Date Monday 5:00 P.M. of each week's publication

PUBLIC AUCTION
OF REAL ESTATE
MONDAY, MARCH 8, 1993
12:00 NOON

STONE HOUSE WITH 2 RENTAL UNITS ON 23 ACRES & STUCCO HOUSE AND BARN ON 27 ACRES
DOVER TOWNSHIP, YORK COUNTY, PA

LOCATED: North of Dover, PA. Turn left on Harmony Grove Road, Go 1+ Miles. Watch for Signs.

PARCEL #1: 27 Acre farm with 2½ story stucco house with 6 rooms, - Country Kitchen, Living Room, 3 Bedrooms, Bath, Laundry Room with Shower, Closed-in screened porch, frame barn, oversized 2 car garage. 1030' Road frontage, Dover School District, Great for horse & animal lovers, Great country living!

PARCEL #2: Stone farm house with 2 rental units on 23 acres of land. Rental units are in Like New condition with 2 bedrooms each. Stone house has kitchen, living room, dining room, 3 bedrooms and bath. 1158' of Road frontage in Dover School District.

BOTH PARCELS HAVE GREAT POTENTIAL - FOR MORE DETAILS PHONE 717-764-6412 - 8:00 AM TO 4:00 PM

TERMS: 10% DOWN, BALANCE IN 60 DAYS. (OTHER CONDITIONS MADE KNOWN TO INTERESTED BUYERS):

SELLER:
George H. Shaffer Estate
EXECUTORS:
Colin J. Shaffer
Yvonne Snyder
ATTORNEY:
John Herrold

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Emigsville, PA
717-764-6412
PA Lic. #761

SAT. FEB 13 - 10AM Farm equipment, tools. From Rt 422 in Myerstown take Rt 501 S. approx 1 mile, turn E. onto Richland Ave., cross railroad ave continue another 3 blocks, turn left onto Quarry Drive to bridge, turn right onto Mill Ave. to to first farm. Myerstown, Leb Co. By Herman John and Nnacy Sauter. Paul E. Martin, auct.

SAT FEB 13 - 10AM Baseball card collection at the Brickerville Fire Hall E M Murry Assoc , Auct

SAT FEB 13 - 10AM, Tractors, Combines, Farm Equipment, Trucks, Tools & 2- 42'x396' Chicken Houses With Equipment Located Going South On Rt 113, From Frederica, DE To Milford, DE, Turn Right On RD 119, Go Approx .4 Miles, Turn Right On Rd. 390, First Farm On Right Signs Will Be Posted Owner, Philip B. (Burt) VanVorst. Wilson's Auction Sales, Inc

SAT. FEB 13 - 10AM, Steve Pierson Clean Barn & Grain Farm Machinery Auction Located 2276 Silver Lake Rd , From Rt 20A 1 Mile West Of Perry Center Or 7 Miles E Of Warsaw Take Lake Rd. North 1½ Miles To The Farm Owner, Steve Pierson Roy Teitsworth, Inc Sales Manager & Auct

SAT FEB 13 - 11AM, Trucks, Tractors, Combine, Implements Located From Baltimore & Points West Take Rt 50 East Of Easton, Md , 15 Miles To Trappe, MD Turn Left At Light On Jamaica Point Rd Go 2 And 1/10 Miles. Turn Left On Bambury Rd. Go 8/10 Mile Turn Right On Kate Point Rd. Go 100 Yds. Turn Left On Windy Hill Rd. And Go Approx 3/10 Mile. From Eastern Penna And North DE And New Jersey, Take 301 South To Rt. 213 South 4 Miles To Rt 50 East. Owners, Mr. & Mrs. Irvin Knauer, Jr. Pete Richardson Auction Sales, Inc.

SAT. FEB. 13 - 11AM, Nobles Farm Machinery Auction Located At The Farm In Delmar Township On Nobles Road, 10 Mi Southwest Of Wellsboro From Wellsboro Follow Rte. 660 West Toward Grand Canyon 7 Miles To Basket Shop (90 Corner), Follow Straight Across 2 Miles To Nobles Road Follow Arrows Sale Day From Rte 660; Or From Stoney Fork, Pa Owned By, Mr and Mrs Dale Nobles Pirrung Auctioneers, Inc.

SAT. FEB 13 - 11AM, Welshans Farm Complete Dispersal. Farm Machinery, 3 Tractors, Dairy Equipment, Etc. Located Rauchtown, Pa Owners, Daniel & Lois Welshans. Fraley Auction Company.

MON. FEB 15 - 9AM, Farm Equipment Located 7 Miles South Of Martinsburg, WV, Or 14 Miles North Of Winchester, Va Off Interstate 81, Take Exit #5 (Inwood) Route 51 East Approx 3½ Miles East Of Inwood, WV, Turn Right At Shutts Cash Grocery, 2 Mile To Sale Edgar A Bohrer Sr , & Edgar A Bohrer, Jr , Aucts

MON FEB 15 - 11AM, Courtney Farms, Good Farm Equip , Tractors, Semi Truck, Combine, 50 Head Holstein Heifers Located 17239 - South Range Rd (St Rt 165) Beliot, OH Directions Take U S Rt 62 East Of Alliance 3 Miles To Beloit Then North On Rt 165 3 Miles & Right On 165 To Auction Rusty Kiko, C A I Aucts

MON FEB 15 - 11AM Complete liquidation former Kennies Market, Chambersburg, Pa Located just 1 5 miles east of I-81 along Rt 30 at Lincoln Way Shopping Center Kerry Pae, aucts

MON FEB 15 - 3PM, Primitives, Tools, Sporting, Household, Antiques, 2 Estates, 2 Early Corner Cupboards Located In The Schnecksville Fire Co Pavilion, Route 309, Just North Of Allentown, Pa (Lehigh Co) Tim Wotring, Auct

MON FEB 15 - 5 30PM, Toy Auction Located At Harry's Auction, 11 Graybill Rd , Leola (Just Off Rt 23) Randy Stoltzfus & Richard Harry, Aucts

MON FEB 15 - 6PM, Valuable Commercial Real Estate Located At 5401 Lincoln Highway (Route 30 East Of Lancaster), Gap, Pa Owners, Ben K Stoltzfus, John K Mullen & Robert Gillenwater Jr Ron Funk & Gordon Ressler, Aucts

TUE. FEB. 16 - 9AM Livestock and Farm Equipment 4 miles SE of New Holland, 2 miles North of Rt 340, just East of Route 897 at 5393 Seldomridge Road, Lanc Co , Pa Levi S Stoltzfus, Jr Diffenbachs Aucts

TUE FEB 16 - 10AM, Auction Sale Of 216 Rolls Vinyl Flooring, Paints, Adhesives, Plumbing Supplies, Furniture, Lighting, Doors, Windows, Office Furn , Floor Tile, Oriental Rugs Located On Premises 1825 E Boston Ave , Phila , Pa Comly Aucts

WED FEB 17 - 8 30AM & THURS FEB 18, Farm equipment at our place of business located 6 miles S of Chambersburg, Pa , one mile east of Marion, just eass off Rt 81 at Marion Exit 4 along Rt 914 Jerrold L & Gloria Oaks, owners & managers Marion Auction Service

COMPLETE LIQUIDATION
MC NITT SAND AND GRAVEL
SATURDAY, FEBRUARY 20, 10:30 A.M.
Norwich, New York (Binghamton Area)

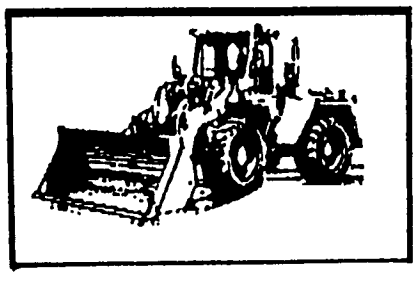
NOTE: Having Sold McNitt Sand & Gravel The Decision Has Been Made To Sell Equipment Used For The Operation Of The Pit.

LOCATION: Halfway Between Binghamton and Utica On Rt. 12, Two Miles South of Norwich.
Sale Site Phone: (607) 336-7283

Hilites Include: **Aggregate Equipment: Telsmith 15X24 Portable Jaw Crusher w/Feeder, 3x6 Screen, Side Discharge, 24" Conveyor & IHC Power Unit, Eagle 24x36 Jaw Crusher w/DD471 Power Unit, New Hewitt Robbins 3x8 Vibrating Grizzly, Eagle 22"x25' Sand Screw, Allis Chalmers 4x10 Two Deck Vib Screen, 24"x40' Belt Conveyor, 18"x40' Belt Conveyor, 3 Deck 4x10 Aggregate Screen w/Wash Bars, Cedar Rapids 15x24 Jaw Crusher, Pioneer Secondary Crusher, New 1993 Extec 6000 Screening Plant, Mclanahan Plate Feeder, Diamond Iron 20x40 Double Roll, 20 Crawler Tractors:** 1989 John Deere 550G, 1989 John Deere 450G, 1988 John Deere 400G, John Deere 550, John Deere 450C, John Deere 350C, John Deere 350B, John Deere 350, Case 850B, Case 450C, Cat D8H, Cat D3B, Dresser TD25, Dresser TD7E, Dresser TD7C, 1986 Komatsu D21E, **20 Tractor Loader Backhoes:** Case 580 Super E, Case 680H, Case 680E, (2) Case 580D, Case 580C, Case 580C, Case 580B, Case 580B, Ford 550, Ford 6500, Ford 3400, John Deere 510B, John Deere 410B, John Deere 410, **Rubber Tired Loaders:** John Deere 544A, Case W20, Trojan 3000, Terex 72-31, Allis Chalmers 840, **Hydraulic Excavators:** John Deere 890 LC, Koehring 6608, Linkbelt 4500, **Cranes:** Trojan 154 Yard Crane, **Skid Steers & Forklifts:** Bobcat 632, Case 1845B, (2) Case 1845, New Holland L454, Case 584C Rt, Allis Chalmers 621, Allis Chalmers 614, Oliver 551, White RT 5000 Lb. **Crawler Loaders:** John Deere 350B, (2) Case 450, **Utility Tractors:** Farmall Model H, Ford 9N, Ford 600, Case 446, **Rollers & Paving Equipment:** Galion TC10-14G, Galion TC8-12G, Galion TH8-12G, Brothers SPV73VA Shoulder Machine, **Attachments:** New 6', 7', 8' Stone Rakes, New 9" & 12" Post Hole Digger, New 5' & 6' Box Scraper, (2) 6' Rear Blades, **Air Compressors;** Atlas Copco 100 CFM, **Utility Vans & Trucks:** 1987 Ford F250 XLT 4x4, 1987 Ford F350, 1986 Ford Bronco, 1986 Ford F350 Flat Bed, 1985 Ford F700 Low Dump, 1985 Ford E150 Van, (2) 1984 Ford E150 Vans, 1983 Ford Ranger 4x4, 1980 Ford F700 w/Plow & Sander, **Dump Trucks,** 1975 Chevy C50, **Truck Tractors, Equipment, Trailers:** 1990 Eager Beaver 6 Ton, 1989 Trail King 12 Ton, (10) New Doolittle Landscape Trailers, 1987 Hooper Triaxle, 1988 Trail King Tandem, 1977 JFW Trailer, (4) Pole Trailers, **Support Equimpent, Shop Equipment, Tools and More!!**

TERMS & CONDITION: "Cash or Company Check" Accompanied By Current "Bank Letter of Guarantee", Made Payable to Alex Lyon and Son. No Exceptions!!

Everything Sells "As Is", "Where Is", Everything Sells To The Highest Bidder Without Minimums or Reserve.



ALEX LYON & SON
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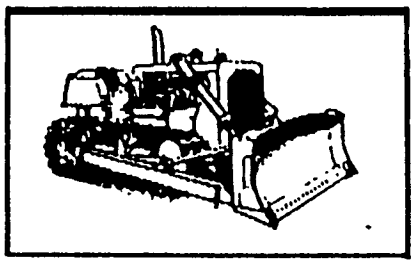


Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED FEB 17 - 9AM, Complete Dispersal Auction At Burkholder's Steel Roofing & Siding Co , Selling Building Materials, Barn Equipment, Hardware Store Contents, Equipment & Vehicles Located From NYS Thruway To Weedsport (Exit 40), Take Rt 34 North To Cato, Then Left On Route 370 Then Left On Slayton Road To Site Sale By, Deppolitis Northeast Auction & Realty Northeast Auction Center

WED FEB 17 - 10AM Farm auction for Len and Sue Van Breemen. Located Gandy's Beach Road, Newport, NJ Between Newport and Fortescue Newfield Auction Co

WED. FEB 17 - 10 30AM, Holstein Heifer Sale 200 Head Beall Sons, Inc , Woodsboro, Md Sale Manager, NH Cattle Company.

WED FEB 17 - 11AM, Frank & Linda Francisco Complete Dispersal Located At The Farm 1743 Himrod Road, Penn Yan, NY, 1½ Miles Southeast Of Penn Yan, 2 Miles East Of Rt 14A, 5 Miles West Of Rt 14, 15 Miles South Of Geneva Follow Auction Arrows From Rt 14A In Penn Yan Owners, Frank & Linda Francisco Harris Wilcon, Inc , Aucts

WED. FEB 17 - 12 Noon, Real estate investment, 6 4 acres & 44,000 sq. ft. of buildings Snug Hill Personal Storage, Penn Green Rd , Avondale, Pa Rudnick Associates, aucts

WED FEB 17 - 6 30PM, Brad Smith Auction Co Selling Winross Trucks. Located Along Rt. 74 6 Miles South Of Red Lion, York Co , Pa Just Before The Brogue

WED FEB 17 & THURS FEB 18, Large 2 Day Sale Of Farm Equip , Etc At Our Sales, Located 6 Miles South Of Chambersburg, Pa , 1 Mile East Of Marion, Just East Off Rte 81 Along Rte 914 Owners, Jerrold & Gloria Oaks Marion Auction Service, 5174 Horst Rd , Chambersburg, Pa 17201.

THURS FEB 18 - PA Convention Sale, Wilkes-Barre, Pa co managed with PA Holstein The Cattle Exchange

THURS FEB 18 - 9 30AM Office furniture, tools, new inventory On the site located at 423-C East Patrick ST , Frederick, Md , across from the "Bancroft Dairy" near the Frederick Co Fairgrounds Wolfe Industrial Auctions, Inc , auct

THURS FEB 18 - 10AM, Central Market Stands Located Central Market House At North Market Street And William Henry Place, On Northwest Corner Of Penn Square In Downtown Lancaster, Pa Enter Main Door On North Market Street Side Donald G Palmer, Jr Auct

FRI FEB 19, Farm Machinery Located 11530 Cash Smith Rd , Keymar, Maryland Mrs Betty Moser Floyd Davis Auctioneer

FRI FEB 19 - 9AM Silo, farm & dairy equip , located halfway between Boyertown & Yellowhouse, Amity Twp , Berks Co , Pa Travel Rt 562 4 mi W of Boyertown, turn L onto Worman Rd ½ mi to auction By Fred J & Ruth E Walters Ralph W Zettlemoyer, auction co , inc

FRI FEB 19 - 9AM 300-350 head special horse sale, work horses, mules, driving horses at New Holland Sales Stables Inc, 12 mile East of Lancaster, Pa just off Rt 23, New Holland, PA

FRI FEB 19 - 9 30AM Complete dispersal of modern farm machinery Take Rt 30 to Route 194 S approx 30 mile to Cash Smith Road, 7/10 mile to sale For Mrs (Richard) Betty Moser C Floyd Davis, auct

FRI FEB 19 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc , New Holland, Pa

FRI FEB. 19 - 10AM, Large Auction Of Potato, Irrigation & General Farm Machinery For Chris Probasco, Totten Brothers, Will Drews And Others Who Have Discontinued Potato Farming. Located At 89 Sykesville Road Between Chesterfield And Wrightstown, New Jersey. Pirrung Auctioneers, Inc , 716-728-2520

FRI FEB 19 - 10 30AM Tractors, planters, spreader, tools, grain trucks, Located 4 miles west of U S 35 at Winamac, IN on State Road 14 Tom Murray, owner Schrader real estate & auction Co

FRI FEB 19 - 11AM Dispersal Auction, machinery, produce On the farm on Foster Rd Use Exit #9 off I-81 to Marathon, take Rt 221 W. out of Marathon 3½ miles and turn to Jennings Creek Rd, to 1½ miles, turn to Hopkins-Jennings Rd , go for 1½ miles, turn to Foster Rd and go ½ mile to farm. Donald & Bershie Rafferty, owners Mel Manasse, auct.

SAT. FEB. 20 - Estate of Robert Duncan Amelia (West of Richmond) Ownby Auction & Realty Co., Inc.

SAT. FEB 20, Farm Equipment, Household Goods, And Antiques. From Blue Ball Take 322 W 1 Mile To White Oak Road Turn Right Come To Y Bare Right Onto West Quarry Road To 2nd Farm On Right. Terms By, Titus W and Anna W. Zimmerman Roy Good, Randy Kline, Lloyd Kreider, Aucts

SAT FEB. 20, Farm Equipment, Tools, H H Goods Located R D #6, Lebanon, Pa For Homer B and Shirley J Boll Paul E. And Aaron E. Martin, Aucts.

SAT. FEB. 20 - 9AM Antiques & collectibles, furniture, office equip. & furniture from doctors office, misc , tools Lincoln Auctino Co , 420 Lincoln Hwy , Frazer, Pa Lincoln E. Cockerham, auct

Public Auction

LIVESTOCK - DAIRY EQUIPMENT - MACHINERY

TUESDAY, FEBRUARY 23, 1993
AT 9:00 A.M.

Located In Mifflin County, 1 Mile South Of Reedsville, Pa., On Route 655.

54 HEAD HOLSTEINS

A good herd of A.I. sired grade Holsteins, 35 cows, 6 bred heifers, and 13 open heifers and started calves. 12 cows recently fresh, balance due throughout the year w/a good number due in fall. This herd has good production.

PREGNANCY CHECKED - T.B. AND BANGS TESTED

DAIRY EQUIPMENT AND FEED

Patz barn cleaner for 20 stalls, Jamesway 16 ft. silo unloader, Patz 90 ft. belt feeder, Esco 435 gals. milk tank, DeLaval no. 76 milker pump w/3 h.p. motor, 3 DeLaval DV-300 milkers, pipeline milker w/washer, approx. 150 ft. of 1½ in. line and vacuum line, 10 ft. tube water precooler, double s.s. tubs, Dayton 82 gals. water heater, breeding wheel, 3 circulating fans, 48 in. barn fan, 42 in. fan w/thermostat shutters, feed cart, several metal gates, 3 calf hutches, 3 round bale feeders, 32 ft. long s.s. whey tank, mineral feeder, 12 water bowls, some corn silage, round bales hay (some hi-moisture), and Kidd no. 6-10 big bale chopper.

FARM MACHINERY

1964 I.H. loadstar 1700 truck w/15 ft. dump bed, J.D. no. 4400 dsl. combine, no. 443-4 r.n. head and no. 215 grain platform (w/small reserve), Toyota no. 8 skid loader w/2200 hrs., J.D. no. 4020 dsl. w.f. tractor w/yr. round cab and new rubber, J.D. no. F-325-3-16 in. hyd. reset plow, J.D. no. 730 dsl. tractor w/new paint, J.D. no. 430 w.f. gas tractor, J.D. no. 3960 harvester w/electric controls and 2 r.n. corn head ready for field, M.F. no. 1050 grinder-mixer, Kastern no. 175 beater spreader, N.I. no. 325 n.r. corn picker, Gehl no. 1850 round baler, Ford N.H. no. 144 hay turner, N.H. no. 479 haybine, M.F. no. 37 rake, Pequea PTO tedder, N.H. 30 ft. elevator, two 3 pt. bale forks, M.F. dyna balance 7 ft. mower, J.D. no. 609-3 pt. rotary mower, Zimmerman bale rack wagon, 230 bu. bin wagon, Papec silage blower, J.D. no. 1085 wagon chassis, M.F. no. 33-15 disk grain drill, Herd PTO-3 pt. spinner seeder, Miller 10 ft. plow disk, J.D. no. 1010-12 ft. field cultivator, 10 and 14 ft. cultipackers, Bush Hog post hole digger, Dunham hyd. loader, Haban PTO corn sheller, platform scales, M.F. no. 160 spreader for cart, PTO fence wire roller, portable hog pen, set of 18.4x38 in. tractor duals, some 8 in. silo pipe, Lincoln 225 amp. welder, forks, shovels and misc. farm items.

SOME HOUSEHOLD

LaCrosse hot air wood furnace and 6 in. air pipe, Sears automatic wood stove, dresser, single beds, and some misc. items.

Terms- CASH OR GOOD CHECK

MR. AND MRS. KORE N. KAUFFMAN
717-667-6810

Mark Glick- Auctioneer
AU-349L

Amish lunch stand

PUBLIC AUCTION

FULL LINE OF FARM MACHINERY

TUE., MAR. 9, '93
10 a.m.

Loc: Take Rt. 272 app. 5 mi. So. of Lancaster, Pa. turn West onto Long Lane, app. 3 mi. to sale on left.

Terms by

C. LLOYD & FLORENCE HARNISH
717-872-5909
Kreider, Kline & Good, Aucts.
#513L, 717-786-3394

KREIDER, KLINE & GOOD
AUCTIONEERS

PUBLIC AUCTION

FARM EQUIP. — CROPS TOOLS — HOUSEHOLD GOODS

SAT., FEB. 20, 1993
Auction Time - 9:00 A.M.

Directions: From Exit 1 of Interstate 78 at Fredericksburg go 1 mile south on Route 343. or 7 miles North of Lebanon on Route 343 turn East onto Greble Road to Union Road, turn right to first farm lane on left, Lebanon County, Pa

John Deere 4230 Diesel

Quad Range, 4 Post Roll Guard, W.F.E.; Weather Enclosure for 4230; **John Deere** 4020 Diesel Power Shift, W.F.E Weights; **John Deere** 3020 Gas w/J.D. #46 Loader, **John Deere** 3010 Diesel W.F.E.; **Gehl** #3510 **Skid Loader only 600 hours; John Deere** #336 Baler w/Thrower; **John Deere** #1209 Hay Conditioner; **John Deere** #3800 Forage Harvester w/2 R N. Corn Head, Hay Pickup, Spout Control; **John Deere** #1240 4 Row Plateless Corn Planter w/Liquid Fertilizer & Insecticide Hoppers; **Gehl** 920 3 Beater Forage Wagon w/12 Ton Tandem Gear, **Grove** 2 Beater Forage Wagon, 2 - 18 Ft High Side Hay Wagons; 16' High Side Hay Wagon; Gravity Bin on H D Gear; **New** Idea Tandem Axle Manure Spreader w/End Gate, New Web; N.I. 5' 3 Pt. Rotary Mower, Century 300 Gal. Trailer Type Sprayer w/Centrifical Pump; 3 - Pt P.T.O. Tedder Rake; N I Wheel Rake; Taylorway 12' Disc Harrow; I H #315 12' Cultimulcher w/Inboard Transport, 3 Pt V - Snowplow, Case 30 Ft Corn Elevator w/Motor, Bale Elevator w/Motor, Oliver 13 Disc Grain Drill, 3 Pt. Fertilizer Spreader; 12 K W P T O Generator; JD 3 pt 4x16 F125 trip plow; 3 pt blade

50 Ton Ear Corn
20 Ton Alfalfa Hay

2 Farm Trucks, 1 - 1975 Chev. ¾ Ton Pickup - 1 - 1980 Datsun Pickup; **Jacobsen** L.G.T. 14 h p Hydrostatic **Lawn Tractor** w/Mower Deck; Milk Cans, Small Barrels; **Cow Culator;** Clippers; Air Compressor; Hay Hook; Feed Carts; Dehorners, Chain Saw, 275 Gal. Fuel Tank w/Elec Pump, 4 Calf Hutches, Round Bale Feeder; Hog Feeder, Rabbit Cages, Pickup Racks; Wagon Load of Tools & Farm Related Items

HOUSEHOLD GOODS: 2 Seat Glider, 2 Metal Porch Chairs, 2 Sets of Twin Beds, 2 Bureaus w/ Mirrors, Sofa, Coffee & End Tables, Rocking Chair, Breakfast Table, Iron Kettle, Porch Bench, Bicycles Toboggan, Misc Housewares and Dishes

AUCTION ORDER: Small farm related items first followed by household goods, then equipment.

TERMS: Full payment day of auction by cash or good check All out of state buyers pay by check, must have a current bank letter of credit addressed to this specific auction.

NOTE: A nice well kept line of equipment. Attend this auction to fill your agriculture needs for 1993.

Terms by

HOMER B. & SHIRLEY J. BOLL
Food at auction

PAUL E MARTIN AUCTION SERVICE
Professional AUCTIONEERING
AU-001601L
Paul E. Martin 717-733-3511
Aaron E. Martin 717-738-4168
Ephrata, PA

PUBLIC SALE

COMPLETE DISPERSAL OF MODERN FARM MACHINERY

Due to the death of Richard Moser, and having sold dairy herd, the following will be sold at public sale located: CASE SMITH ROAD KEYMAR, MD. Take Route 30 to Route 194 South, approximately 30 mile to Cash Smith Road, 7/10 Mile to sale.
9:30 A.M.

FRIDAY, FEBRUARY 19, 1993
9:30 AM

7 TRACTORS

International 1066 cab and air; 2350 Mount-o-Matic loader; INTERNATIONAL 966 with canopy; Int. 756 Custom; Int. 656 narrow front end; Int. 544 Hydrostatic; Int. 460 narrow front with Int. 52 loader; Int. 424 gas; several tractor weights.

FORAGING EQUIPMENT

New Holland 790 chopper 1000 RPM elect. controls metal alert on cutter head; grass head; 2 row corn head #824; 2 New Holland silage wagons tandem axle crop carrier; NH Super 23 blower; Int. blower; NH 847 auto wrap round baler; Int. 47 baler with thrower; NH 489 Haybine; NH 156 tedder; NH elevators 36' and 20'; New Idea rake; 7' NH sickle bar mower; round bale mover; 4 bale wagons-2 metal, 2 wooden; tandem axle round bale wagon approx. 20' long; Massey Ferguson 300 combine, 10' grain head.

TILLAGE AND PLANTING EQUIPMENT

Int. 450 automatic plows; Int. 311 fast hitch plow; Int. folding disc harrow approx. 18'; folding harrow #401; Int. 10' transport disc; JD 9' disc; Bush Hog; chisel plow; cultipacker; Int. 400' no-till corn planter with monitor; Int. 5100 drill; Int. 4 row corn planter; 2 barrel field sprayer.

TRUCK AND OTHER EQUIPMENT

1955 Chevrolet 6500 series truck with grain body and livestock racks; grain elevator; V snow blade; Danuser post hole digger 12"; Lliston 7' rotary mower; New Idea manure spreader; NH 305 tank spreader; seed sower; 7' box blade; scraper blade; new Winpower generator 1000 PTO.

HAY AND STRAW

APPROXIMATELY: 100 round bales alfalfa; 100 round bales straw; 1,000 square bales straw; 800 square bales mixed hay.

BUTCHERING EQUIPMENT

Scalding tank; 4 kettles; 4 furnaces; 2 stuffers; grinder; hooks lard cans; others.

FEEDING EQUIPMENT

24' Farm Built feeder; wooden hay racks; hog feeder; 3 round bale feeders; 2 water tanks; five 55 gal. drums; 2 feed carts.

MISC. ITEMS

10" blower pipe; several wooden gates; 38" tire; electric fence posts; baler twine; barbed wire; Bolens garden tractor; mixed lumber; wooden ladders; rototiller; 55 gallon 10 wt. oil; calf cart; tractor chains; several 10 gallon milk cans; chicken crates; wheelbarrow; 2 hand seed sowers; vise; motors; shovels; forks; log chains; nails and bolts; hammers; cow clippers; digging iron; kickers; electric drill; misc. parts.

FEW HOUSEHOLD ITEMS

Baby crib; 2 iron beds; sewing machine; old buffet; others.

Many other items too numerous to mention.

TERMS: Nothing removed until settled for. Number system-ID required. Not responsible for accidents.

Auctioneers Note: All machinery is field ready; machinery was always kept in. Mr. Moser took the best of care of this machinery.

MRS. (RICHARD) BETTY MOSER
11530 Cash Smith Road
Keymar, Md.
Auctioneer C. Floyd Davis
301-223-9761
Clerks: Drury and Smith
Lunch Rights Reserved

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

REAL ESTATE AUCTION

Subject to Confirmation
OUTSTANDING COMMERCIAL PROPERTY
SUPERIOR 30,000 SF OFFICE/WAREHOUSE

Immaculate Showroom * 3 Phase; 600 Amp Serv.
PLUS 2,400 SF LEASED OFFICE/WAREHOUSE

297 Care Street, Harrisburg, PA
Lower Paxton Twp. Dauphin County

EXCELLENT ACCESSIBILITY
NUMEROUS POSSIBILITIES

Preview: Monday, February 22, 10 to 12 Noon
AUCTION: MONDAY, MARCH 1 at 2 PM

Call for Details & Brochure * Brokers Welcome

GA GEYER KENNETH A. GEYER AUCTION COMPANY INC — *The Real Estate Auctioneers*
(215) 834-SOLD • 834-1854 • FAX 834-1754

PUBLIC AUCTION
OF FARM EQUIPMENT

WEDNESDAY, FEBRUARY 24, 1993
10:00 A.M.

North of Hanover, York Co., Pa.
LOCATED: Along Rt. 194 - 1 Mile North of Hanover, PA of Off Rt. 30 in Abbotstown, Go South 3.4 Mile on Rt. 194.

CLEAN WELL MAINTAINED FARM EQUIPMENT

J.D. 4010 Diesel, N.F., 3 pt., 38" Rubber 90% & Remote Hydraulic; David Brown 1210 Diesel; W.F.,3 pt., Power Steering, 12 Speed, Remote Valve, 30" Ruber, 65%; J.D. 1520 Gas. W.F., Power Steering, Remote Valve, 3 pt., 28" Rubber, 75%; Equipment w/J.D. 48 Hydraulic Quick Tach Loader, A.C.-B 208 Lawn Tractor w/36" Mower Deck, 1953 Chev 4400 Series Truck, w/12' Grain Body & Hoist, 17000 GVW; A.C. Gleaner K Combine w/Cab & Hill Side Grain Saver, Straw Spreader, 10' Grain Head & 2 Row Corn Head; IHC 550 - 5x16 Semi Mtd. Plow, Athens 9 Tooth 3 pt. Chisel Plow w/Gauge Wheels, J.D. - BWF 12' Disc, Glenco 12½ ' Field Culti. w/Buster Bar, 2 Brillion 12' Cultipackers, J.D. 494A - 4 Row Planter w/Disc Openers, Dry Fertilizer, J.D. Insecticide Boxes, IHC #10 - 7x16 Double Disc Drill w/Depth Band & Grass Box.

IHC 4 Row 3 Pt. Culti., Papec 200 gal. Sprayer w/7 Roller Pump & Booms, N.H. 461 - 9' Haybine, N.H. 56 Roto Bar Rake, Vermeer 605D Round Baler, 3 pt. Bale Mover, New Idea 324 - 2 Row Corn Picker, 2 J & M Gravity Bins on N.H. Wagon Gears, McCurdy Bin Auger 6'x12' Hyd. Drive, Rhino 8' 3 pt. Blade, Lely 3 pt. Spreader, 3 pt. Tool Bar Track Closer, 3 pt. Wood Splitter, Lely 3 pt. 4 Wheel Rake, Ford 3 pt. 7' Sickle Bar Mower, Gehl Wagon w/8'x16' Bed & Sides, Speed King 36' Elevator w/Motor, Little Giant Roll Away Elevator w/Motor, Mayrath 16'x3" Auger w/Motor, New Holland 518 Manure Spreader w/Top Beater & Pan; Papec 870 Grinder Mixer, Massey Ferguson 10' Pull Type Rotary Mower, JD #8 - 7' Mower, Parker Lawn Sweeper, Wheel Guard, Forney 180 Amp Welder, Hydraulic Cylinders, Hanging Chicken Feeders & Fountains, 1 Wagon of Misc. Farm Items & Tools.

NOTE: This equipment is in very good condition, field ready and well maintained. Be on time, Not many small items.

TERMS: Cash or good check. Full settlement sale day.

Seller:
MARK & JODIE FORRY
717-637-1136
Auction Conducted by:
Rentzel's Auction Service
Emigsville, PA
717-764-6412
PA Lic. #761

SAT. FEB. 20 - 9AM Woodworking equip., truck, forklift, shop tools, office equipment, material & misc. Everett, Pa. at 43 West 3rd Street in Everett, Pa. Hunyady auction co.

SAT. FEB 20 - 9AM Livestock and farm equipment, Located 1 mile Northeast of Route 896 from Nine Points, along Vintage Road Lanc Co , Pa Jacob K. Miller, Diffenbach, aucts.

SAT. FEB. 20 - 9AM, Full Line Of Farm Equipment. Located Mid-Way Between Intercourse And Gap. Turn Off Rt. 772 Close To Pequea High School. Turn East On New Holland Road To Y ¼ Mile On Hershey Road, 1st Farm Right. Terms By, Glenn & Velma Hershey. Robert E. & Jeffrey R. Martin. Randal Ranck Apprentice.

SAT. FEB 20 - 9AM, Antiques, Household Goods & Coins. Located At 24 Caroline Street, Lancaster, Pa. (Watch For Auction Signs). Estate Of Clarence E Theis. Ron Funk & Gordon Ressler, Aucts.

SAT. FEB. 20 - 9AM, Tack Sale At Special Spring Horse Sale Located Belleville Livestock Market, Belleville, Pa. For More Information Call: 717-667-2703 Gene Glick, 717-935-2146 Sale Barn.

SAT. FEB. 20 - 9AM, Farm Equip., Crops, Tools, Household Goods Located From Exit 1 Of Interstate 78 At Fredericksburg, Go 1 Mile South On Route 343, Or 7 Miles North Of Lebanon On Route 343 Turn East Onto Greble Road. To Union Road, Turn Right To First Farm Lane On Left, Lebanon County, Pa. Terms By, Homer B & Shirley J Boll Paul E Martin Auction Service.

SAT. FEB. 20 - 9AM, Farm Machinery, Barn Items & Feed Located Exit 10 Of I-81, Turn East On 174, Approx. 3 Miles. Owners, Paul A. & Jean L Miller Kevin M Wickard, Auct

SAT. FEB. 20 - 9AM, Valuable Antiques, Furniture, Dishes, Glassware, Planes, Clocks, Collectibles, Coins, Etc. Located At Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa. Brian L. & Jacob A. Gilbert, Aucts.

SAT. FEB. 20 - 9AM Collectibles, clocks, furniture, glassware. Rt. 254 W of Millville, Jerseytown Comm Center, off Interstate 80 Exit 34 head N on Rt 42, follow Rt 42 N to Millville in Millville make a left at the blinker on Rt 254 W. Kim Autotore, auct.

SAT FEB. 20 - 9.30AM 6 tractors & equip , Located between Intercourse & Gap, turn off 772 close to Pequea Valley H S on Hershey Church Rd., go 1 mi to sale. Lanc. Co., Pa Robert E & Jeffrey R. Martin, aucts

SAT. FEB. 20 - 9.30AM, Cherry & Pine 12 Pane Corner Cupboards, Secretary/Desk Comb., 20's Furniture, Victorian 5' Fl-8 Day Clock, Gingerbread & Victorian 5' Fl-8 Day Clock/Others, Asst Dishes/Glassware, 30+Pcs. Carnival, Primitives, Wall Telephone/Child, Cradle, 200+ Political/Collector Pins, Fishing Licenses, Collectible Pens/Post Cards (Mauch Chunk), Adv. Pcs. & Guns. Located 20 Miles N Of Allentown, 6 Mi. West Of Lehighton Off Route 443 In The Mahoning Valley Fire Hall, Carbon Co., Pa. Sale By, B. Richter. Doug/Tim Houser, Aucts.

SAT. FEB. 20 - 9:30AM, Machine & Tool & Die Shop, Office Equip., & Maintenance Department. Located Rt. 795 To Owings Mills Blvd. (Exit 4, Registertown Rd.) Follow Owings Mills Blvd. Sign To Crondall Lane, Right To Auction Site On Left. Hartland Machinery Auctioneers.

SAT. FEB. 20 - 9:30AM Farm equipment, estate of Jino Pioppi. Brewster Rd., Landisville, NJ, 2 mile East of Rt. 40, turn at The County Case Dealer. Ralph D. Hughes, auct.

SAT. FEB. 20 - 10AM, Farm Machinery, Feeder Cattle & Dairy Cows, Horses & Harness, Construction Equipment, Feed & Household Goods. Located 2 Miles North Of Enon Valley, Pa. On State Route 551. Owners, Mr. & Mrs. Jake Hershberger. Jim Baer Auct.

SAT. FEB. 20 - 10AM, Farm Machinery Auction Located 4½ Miles East Of Carlisle, Pa , Off Route 641 (Trindle Road), On Byers Road - Off Route 81 At Exit 16 - 5 Miles West Of Mechanicsburg, Pa. Owner, Galen C. Byers. Kling's Auctions, Inc.

SAT. FEB. 20 - 10AM Farm machinery, truck, antiques, household goods. 445 Walnut Run Road, Strasburg, Pa. Approx 6 miles S. of Lancaster on Rt. 222 between Refton and Hessdale. By Harold & Helen Hess. Miller & Siegrist, aucts.

SAT. FEB. 20 - 10AM, Tools, 1950's Era Gas Station Memorabilia, Parts & Equipment, Also Warehouse Equip. Moved To 415 Bosler Ave., Lemoyne, Pa. Mark Baranowski, Auct.

SAT. FEB. 20 - 10AM Surplus items for Quaker Maid complete kitchens, cabinets, misc. Along Rt. 61, 1 mile Soputh of Leesport, Berks Co, Pa. Approx. 9 miles N. of Reading or 6 miles S. of Hamburg. Dennis F. Wagner, auct.

SAT. FEB. 20 - 10AM Antiques, furnishings, Model T & A Fords, old Cub tractor, tools & equip. Along Rt. 23 between Phoenixville, Pa and Rt. 100. Ted Maurer, auct.

SAT. FEB. 20 - 10:30AM, Complete Dispersal Of Hay And Grain Farm Machinery. Located Trenton, New Jersey. Owners, Mr. & Mrs. William D. Facey. Pirrung Aucts., Inc.

ABSOLUTE UNRESERVED
COMPLETE DISPERSAL AUCTION
Wed., Feb. 17th, 1993
9:00 A.M.
With Real Estate Selling At 5 P.M.
Burkholder's Steel Roofing & Siding Co.
Slayton Road, Cato, N.Y.

Directions: From NYS Thruway To Weedsport (Exit 40) Take Rt. 34 North To Cato, Then Left On Route 370 Then Left On Slayton Road To Site.

This Sale Includes Real Estate, Hardware Store Contents, Barn Equipment, Trucks, Forklifts, Plus The Business Rights.

Partial Listing:

NEW BUILDING MATERIAL: 15,000 squares of roofing & siding; decking lumber; insulation; treated lumber; lumber; assortment of trusses including 13 pcs. 24' Gambrell trusses for horse barn spindles; steel for roofing & siding; gazebo; dog houses; sheds; overhead, sliding & pass. doors & door hardware; windows; weathervanes; wishing wells, picnic tables & more!

BARN EQUIPMENT: Surge 2" SS pipeline w/auto. milkers; 300' Patz gutter cleaner (clockwise) - like new! 20' Patz silo unloader; 12' Patz silo unloader; 400 Gal. zero bulk tank w/coplematic compressor; DeLaval 5 HP vacuum pump; dumping station & more - offered w/or w/o real estate.

HARDWARE STORE CONTENTS: Makita power tools; lighting, hardware fasteners; nails galore; threaded ROD; hammers, tools; levels; tapes; S&K tool displays; tarps; rope; ladders; scales; springs; wood & masonry bits; Mira Font water fountains; pole bldg. hardware; garden tools; hand painted antique saws; 8x16 storage bldg.; hydraulic lifts & much more!

EQUIPMENT & VEHICLES: IH Hydro 100 tractor w/cab - nice! JD 494A corn planter; IH 815 combine w/4 row 843 corn head; 16' AC transport disc; Brillion 9 shank chisel plow; Farmall Super C tractor; sickle mower; Cadet 1330 lawn tractor - like new; Yazoo 24" mower; Agway rear tine tiller; 1000 & 3000 gal. fuel tanks; 1990 Isuzu HD truck w/20' flat rack dump w/stakes; 1987 Isuzu M2 truck w/18' flat rack & stakes; 1989 Isuzu HD truck tractor; 1977 F600 auger truck w/Pitman Polecat hyd. auger system - NICE! Hillsboro 24' 8 ton gooseneck trailer; 1991 S10 pickup w/6' box & cap; 1990 Chevy 4 WD Blazer; 1988 F350 diesel dual wheel pickup; Fruehauf 45" spread axle air ride trailer - like new; Kendall insulation blowing machine/knife; 16' alum. boat w/10 HP motor & trailer & much more!

REAL ESTATE: Includes a 3 bedroom ranch; barn complex w/acreage; 90'x120' bldg. w/10 acres & frontage on 2 roads - great for riding arena or boat storage; bldg. lots & more. Call for detailed flyer - 315-697-2641.

TERMS: As is - Where is. Cash, good check w/ID (Bank letter for those unknown to auction co.); MC & VISA; 10% Standard Buyer's Premium on all. Real Estate requires 5% down date of sale. 5% due in 72 hours & balance at closing in 60 days. Good title & warranty deed.

Sale by: Deppoliti's NORTHEAST AUCTION CENTER, 617 N. Main Street, Canastota, N.Y. 315-697-2641, Jim Deppoliti, Auctioneer

Jim Deppoliti- Auctioneer
Bruce Deppoliti- Broker
If There Is An Auction In Your Future, Give Us A Call

PUBLIC AUCTION
Farm Machinery, Guns, Personal Property & Antiques
SATURDAY, FEB. 20, 1993
Auction Time: 9 A.M.

LOCATION: From Blue Ball take Rt. 322 West 1 mile to White Oak Rd., turn right to Y; bear right onto West Quarry Rd. to 2nd farm on right. East Earl Township, Lancaster County.

Farm Machinery

John Deere 2520 diesel tractor, wide front on steel; John Deere 350 diesel crawler; IH #710 semi mount 3B 16" auto reset plow; John Deere RW32 disc transport; N.H. #352 grinder mixer; John Deere #40 2 beater manure spreader; John Deere #660 hay rake; John Deere #115 3 beater forage wagon; John Deere #494A corn planter w/insecticide boxes and disc openers; John Deere 9' harrow; John Deere KBA 28 disc transport; IH #990 7' haybine; IH #45 Vibra Shank field cultivator; IH #550 harvestor 2R w/wide/narrow row head; N.H. #25 Whirl-A-Feed blower; John Deere F.B. 137A grain drill; (2) 8' x 18' flat wagons, 6 & 8 ton gears; N.H. #269 baler; Little Giant 24' elevator; Hardi 175 gal. 3pt. sprayer; McCurdy corn drag; Ford 3 pt. 2R cultivator; John Deere fertilizer drill; Hershey 2R transplanter; (2) McCormick Deering horse cultivators; breaking cart; Mountville 2 hole corn sheller; horse collars; work harness; single, double, and triple trees; lots of wagon tongues; (2) Craftsman 10" band saws; Craftsman wood lathe; Hahn 5 h.p. rototiller; Lawn Boy power mower; wagon load small items.

Guns

35-cal. Remington model 14 rifle; Rem. model #70 22/250 w/vari. 3x9 scope; 303 British rifle; (2) 12-ga. single barrel shotguns.

Personal Property & Antiques

Washstand; rope bed; OLD UPHOLSTERED POTTY CHAIR; Rush bottom rocker; oak bed; 4 pc. Waterfall bedroom suite; wardrobe; lg. blanket chest; gas range; potbelly stove; cream separator; electric butter churn; Singer sewing machine; pots and pans; Agate strainer; lard press; sizing boxes; Win. & Rem. ammo boxes; 3 footed iron kettles; old wooden pump; apple butter stirrers; canning jars (some dated); jugs; crocks, some signed Hawthrone; assorted glassware including few depression, carnival and others; min. cast iron wheelbarrow; lanterns; old whistling teapot w/bird; glass butter churn; trunks; wood chest; aladdin kero stove plus many other items too numerous to mention.

Lunch stand - Martindale Fire Co. Ladies Aux. Note: Nice clean line of equipment. Sale order: Wagon load sm. items, household goods, guns, farm equipment. May sell w/2 auctioneers. Terms are cash or good Pa. check. No out of state checks unless approved by auctioneers or owner.

Terms by
Titus W. & Anna W. Zimmerman
717-354-9494

Auction conducted by
Randal Kline, Lloyd Kreider
Roy Good Jr., Auctioneers AU2116L
215-445-4309

KLINE, KREIDER, & GOOD
AUCTIONEERS

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT FEB 20 - 10 30AM, Farm Machinery Located Approx 6 Miles North Of McConnellsburg, Pa , Along Rt 522-To The Village Of Knobsville, Then Turn Left Onto Breezy Point Rd , Approx. 1½ Miles To Sale, Former "Norm Gress Farm " Watch For Signs Owners, Mr. & Mrs. Ray Hornbaker. Lyle Reed, Auct

SAT. FEB 20 - 10 30AM, Public Auction Of Potato Eqiupment & Irrigation Located Turn Off US 13 Onto Sunnyside Road (County Rd 90) Go Past DeHome & Hospital At Smyrna, DE , Farm 2 Miles On Right 40 Miles South Of Wilmington, DE & 12 Miles North Of Dover, DE. Owner, George Wicks III C T Scuse & Sons, Inc , Sales Mgr & Aucts

SAT FEB 20 - 10 30AM, Complete Liquidation Of McNitt Sand & Gravel Located Halfway Between Binghamton And Utica On Rt 12, Two Miles South Of Norwich, New York Alex Lyon & Son, Sales Managers & Auctioneers, Inc.

SAT FEB 20-11AM Bankruptcy auction Trucks, cars, computer, equip , walk-ins Located between Hanover & Spring Grove, Take Rt 116 to Gitts Run Rd turn West Go to Barnhart Turn Right to Auction on left. Leon P. Haller, trustee. Kerry A Pae, aucts

SAT FEB 20 - 11AM, Real Estate Located Between Pleasantville And Ryot, Bedford County, Pa , Off Route 56 At Pleasantville Then South 1½ Mile Along Route 96 At The David And Lois Savidge Property. Follow Signs Owners, David & Lois Savidge Stanley Claycomb, Auct

SAT. FEB 20 - 11AM, Special Spring Horse Sale Located At Belleville Livestock Market For More Info 717-667-2703 Gene Glick, 717-935-2146 Sale Barn

MON FEB 22, Garden Spot Excavating, Construction Equipment & Supplies Located At Buch Road, Akron Owner, Carl M Hurst Paul E & Aaron E Martin, Aucts

MON FEB 22 - 9AM, Modern Farm Equipment, Trucks, Etc Located Between Easton & Allentown, Exit Off Rt 22 Onto Rt 987 N Past ABE, Airport, A Total Of Approx 4 Mi , Toward Rt 329 To Farm, Northampton Co , Pa Ordered By Odenwelder Farms, Inc Ralph W Zettlemoyer Auction Co., Inc.

MON. FEB. 22 - 10AM Body shop equip At 400 E Cumberland St , Route 422, Lebanon, Leb Co , Pa Terms by Sells Body Shop Dale L. Putt, auct

MON FEB 22 - 10AM, Real Estate, Equipment & Stock & Restaurant Equipment Located At RD #2 Route 616 North Glen Rock, Pa Trustee Lawrence V Young Brian L & Jacob A Gilbert, Aucts

MON FEB 22 - 10 30AM, Complete Dispersal At Public Auction Of Construction Equipment & Supplies Located From Lancaster, Take Route 222 North To Brownstown Exit, Then Route 772 North 1 Block To Route 272 North Go ½ Mile, Keep Right At Landis Rent-A-Car, Continue ¼ Mile To A Right Onto Tobacco Road, Tc Second Road Right, Tc Auction Site, Lanc Co', Pa Terms By, Garden Spo Excavating, Inc., Owner Carl M Hurst. Paul E. Mar tin Auction Service.

MON FEB 22 - 12Noon, Real Estate Located Go 1 Mile West Of Newmanstown On Rt 419 And Turn Left Onto The Kleinfeltersville Road, Go 1 Block And Turn Left Onto Strickler-stown Road, About 1 Mile & Turn Right Onto The Loop, See Property On Left. Conditions By, Terrence D. Frattaroli. Nelson L. Ebersole, Auct

MON FEB. 22 - 2PM 20 Acres M/L Farm, Frystown, Berks Co Located at 1830 Camp Swatara Road, Rt 645 (just S of Frystown), Bethel Twp , Berks Co , Pa By Willard Hackman & Nora Hackman Horst Aucts

MON FEB. 22 - 3PM, Fine antiques and household goods for Louis Rumfort Etal Brickerville Fire Hall, E M Murry Assoc., Auct

MON. FEB. 22 - 6PM, Store Equipment & Shelving. Located At Valley Market, 1819 Paxton Street, Harrisburg, Pa. Kerry A. Pae & Jeffrey L Knosp, Aucts

TUES. FEB 23 - 9AM, Farm Machinery, Belgium Horses. From Strasburg Rt 896 So. 4 Miles, Turn Right On Weaver Rd. To Winter Hill Rd. 1st Farm Right Or Off Rt. 222 Hessdale Turn East On Bunker Hill Rd., Right On Sandstone Rd. Left On Stively Rd. Left On Winter Hill Rd. Terms By, Christian K. & Anna Mary Miller Kreider, Kline & Good, Aucts.

ANNUAL SPRING CONSIGNMENT AUCTION

FARM EQUIPMENT & RELATED ITEMS

MONDAY, MARCH 1, 1993

9:00 a.m. (rain or shine)

Located at the Auction Barn in American Corner, Md. on OLD 621 between Denton and Federalsburg, Md.

Equipment consignments accepted on Tues., Feb. 23, until sale time on March 1. Small items accepted on Fri., Feb. 26 until sale time on Mon., March 1.

Fork lift available for unloading equipment. For more information contact the Auctioneers.

AUCTION TERMS: Cash or Approved Check w/current letter from your bank guaranteeing funds, unless you are known by the Auctioneer.

A. CURTIS ANDREW AUCTION, INC.
Auctioneers: Curtis Andrew - Mike Roe, CAI
(410) 479-0756 or 754-8826

ABSOLUTE BANKRUPTCY AUCTION SATURDAY, FEBRUARY 27, 1993

AT 11:00 A.M.

Located along Old Rt. 22 West of Mifflintown, Pa. at Casners Auto Sales & Trucking. From Red Light In Mifflintown Sq. Go West 1.5 miles to property on right.

REAL ESTATE 12:00 NOON

1 acre tract of land along old Rt. 22 with a 40x80 pole bldg. used as a truck repair shop. Septic system on property, public water. Mobile home located on property will be removed prior to settlement. **TERMS: Depsoit of $5,000 in cash, cashier or certified check payable to Kerry Pae auctioneer day of auction. Balance due in 45 days at settlement. Sells absolute to highest bidder regardless of price. For info. call 717-236-3752.**

5 TRUCK TRACTORS & EQUIPMENT

2 1984 International COE tandem axle tractors - 9 speed trans. w/350 Cummins diesel engines, 1983 IH COE tandem axle tractor w/9 speed trans. 350 Cummins, 1982 IH COE tandem axle tractor w/13 speed trans. & 350 Cummins diesel, 1978 IH COE tandem axle tractor w/10 speed trans. & 350 Cummins diesel, Emglo 5 HP right compressor, 30 ton arbor press, Lincoln welder 225 amp, air tools, 5 impact wrenches, pullers, drill, sander, bench vise, hydraulic jacks, floor jacks, micro balancer, chains/binders, barrel pumps, grinder, fittings, parts, 11x24.5 truck tires, alum. ext. ladder, homemade wood stove, plus other items too numerous to list. Inspection day of auction 8:00 A.M. Small items sell first, trucks at 11:45A.M. Real estate noon, short auction don't be late.

ORDERED BY U.S. MIDDLE DISTRICT BANKRUPTCY COURT
Kerry A. Pae, CAI, AU 1367
Jeffrey L. Knosp, CAI, AU 1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

272± ACRE FARM AT AUCTION

SAT. APRIL 10th, 1993

AT 12:00 NOON

LOCATED: From Red Lion Square go South on Rt.#74 approx. 1 mile turn left on Burkholder Rd. Farm land starts approx. ½ mile after you turn onto Burkholder Rd., Windsor Twp., York Co. PA., tax map HL, parcel 11, deed ref. 81F, page 333, some signs posted.

This is one of the larger single tracts of land with 200 Acres of farm ground. Approx. 3 miles of road frontage, dairy barn, bank barn and corn crib for buildings (NO HOME). Looking at this farm you will agree that it is indeed some of the nicest farm ground you will find. This farm has long planting fields, if farming is not what your after this farm is zoned Residential with the possibility of well over 500 lots. Survey's posted on corn barn. Strong spring on farm. Auction staff will be available to show boundaries on Sun. 14, 21, 28 of March from 1:00 to 3:00 PM. We will be at the farm or by Apt. call owner or Auctioneer. The owner has indicated to me to tell the people he would like to sell this property, tell them to bring the down payment auction day. Farm is in Clean & Green.

TERMS: 10% down on Auction day, balance in full within 90 days or possible owner financing with 20% down balance amortized over 20 years at 8% with a ballon payment in 5 years. If you are the buyer auction day, you will be able to plant your spring crops all land is available.

It is true that there has never been a better time to buy Real Estate, be there.

Sellers:
KENNETH R. & GLADYS M. STOLTZFUS
Ph: 717-244-7008
Attorney: George L. Eveler III
Auctioneer: Bradley K. Smith
GRI, CRS, CAI, AARE
Associate PA Real Estate Broker
Lic. #860-L Ph: 717-927-6949

BANKRUPTCY AUCTION SATURDAY, FEBRUARY 20, 1993

At 11:00 A.M.

Phillips Produce, Inc. 16 Barnhart Drive, Hanover, Pa. Located between Hanover & Spring Grove, take Rt. 116 to Gitts Run Rd. turn west. Go to Barnhart turn right to auction on left.

TRUCKS - CARS

1990 Mercedes Benz Diesel Ref. Box Truck 20'-Box, 5 Sp, 2 Sp. Rear; 1990 IH Model 4700 Diesel Ref. Box Truck 16' Box, 5 Sp, 2 Sp. Rear; 1989 IH Model 51900 Diesel Ref. Box Truck 22' Box, 5 Sp, 2 Sp Rear; 1988 IH Model 51900 Diesel Ref. Box Truck 18' Box, 5 Sp, 2 Sp. Rear; 1987 IH Model 51900 Ref. Box Truck 18' Box, 5 Sp, 2 Sp. Rear; 1984 Iveco Diesel Box Truck 12' Box Ref. Auto Trans; 1989 Chrysler New Yorker Sedan (Need Repair); 1986 Chev Spectrum 4 Door.

COMPUTER - EQUIPMENT - WALK-INS

20x40 Walk-in Box 2 Doors (like new), 20x30 Walk-In Box, Elec. Yale Pallet Jack, 20 Sections Pallet Racking (Like New), Hand Trucks, Truck Tires, Att Merlin Phone System, Mita DC-1205 Copier, Shart Fax Machine, NEC 386/25 Computer w/2 Okidata Printers Model 390, 4 Terminals, 4 Desks, 2 Computer Desks, 6 Chairs, 6 Two Drawer File Cabinets, 2 Four Drawer File Cabinets, 5 Calculators, Hobart Scale, Tables, Stepladder, Plus Misc. Inspection Day of Auction Only 8:30 A.M. to Sale Time. Trucks Sell At Noon. Everything Else Before, Approx. 1 Hour sale - Don't Be Late!!

LEON P. HALLER, Trustee
PHILLIPS PRODUCE INC.
Case 1-92-02243
Kerry A. Pae, CAI, AU1367
Jeffrey L. Knosp, CAI, AU 1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 236-3752

ATTENTION
ANNUAL SPRING CONSIGNMENT SALE
Saturday, March 27, 1993
9 00 AM

Sale held 1 mile west of Reistville Pa. - Route 501 South of Myerstown. 4 miles

FARM MACHINERY, HOUSEHOLD QUILTS, LOTS OF FOOD CHICKEN BAR B-QUE

CONSIGN YOUR ITEMS EARLY PH 717-270-4397 Ans Service

PUBLIC AUCTION

MODERN FARM EQUIPMENT; TRUCKS; ETC.

MON., FEB. 22, 1993

At 9:00 a.m.

Between Easton & Allentown, exit off Rt. 22 onto Rt. 987 N past ABE Airport, a total of approx. 4 mi., toward Rt. 329 to farm, Northampton Co., PA.

TRACTORS- White 2-155 Field Boss w/ duals; JD 4320 w/2200 hrs.; Oliver 1650 diesel; Farmall 300 w/TA; Oliver White 550 diesel w/frt end loader; Oliver 70 & Quick Tach culti;

TILLAGE- JD A-2700, 5-18" to 22" adj semi mtd pl; Brillion 11' chisel plow, disc comb; Bush Hog #1440-23' transport hyd wing disc; Bush Hog 14' transport disc; Brillion 14' single roll transport cultipacker; JD 16' transport harrow; JD 9' offset transport disc; Int. 2 ph fh 3-14" trip pl.

COMBINE - JD 6620 Hillside Titan II; JD 215 flex head & 643 c head, straw chopper; JD 454-4 r wide soybean sunflower head; 4 r roller cone system for c head;

TRUCKS- 1977 Chev 30 custom del w/9' cattle body w/roof, 40K mi.; 1986 Dodge 150 custom Ram pickup, 63K mi; 1973 Chev C-60, 2 spd rear w/1000 gal. ss tank, 10 hp gas engine & flow meter pump 45K mi; 1975 Int Loadstar 1800 w/404 eng, 55 orig K mi, 5 sp. trans, w/2 spd rear, has Knapheide 18' twin cyl dump & over cab hay rack; 1972 Chev C-60, 2 spd, 30,000 GVW w/16' grain dump & 3 way tailgate 29K mi; 1967 Chev 50 w/12' midwest dump, 62K mi.

PLANTING & GRAIN- JD 7000 Conservation 6 r planter, liq fert & monitor; JD 8350 21 dbl disc drill w/all 3 boxes; Snowco 40' - 8" auger; gas eng; 40'-6" transport auger; MC 400 continuous flow PTO driven dryer; 20 hp, 3 phase motor; phase converter; asst 40'-60'-80' trough augers; 16' alum. elev; 12' grain body; 225 bu grain gravity bin; Vac-A-Way seed cleaner; Steinlite grain moisture tester & scales;

HAYING- (6) McCurdy 8'x16' 4 whl bale side trls, pallet ready, 8 & 10 ton cap chassis; JD 347 baler w/#40 ejector; NH 489 haybine; Int. 110-7' side mtd. mower; NH 258 Rolobar rake; NH 254 tedder; Pettibone mod super 8, 4 whl. dr & str carry lift for hay pallets w/log fork; (80) 6'x7½ ' hay pallets; King Wyse 24' bale elev.

MISC- Woods C-80 trl rotary cutter; Century 3 pt. 300 gal poly tank sprayer w/Demco squeeze pump for side dressing; Grove 12' 2 whl dump trl; (4) 4 wheel farm flat trls; (3) 1100 gal. poly fert tanks; (1) 17,000 gal. glass lined fert tank; fert pumps, motors; JD 4-RG40 tool bar culti; 500 gal. skid fuel tank, w/elec pump; pick up tool box; 40' storage trl; Forney elec. welder; one hole c sheller; poultry picker; poultry pre heater; 6' slant frt feed chest; concrete mixer w/motor; three phase elec. motor up to 10 hp; (4) 12.4x24" new 6 ply tires; (7) 20'x6"x8" barn beans; Triumph pulley c sheller; Meyers 6½ ' p angle sn blade; oil drums; (3) gas (1) elec brooder stoves & misc. poultry equip; 1939 Chev truck chassis for parts; Lely 3 pt. hay tedder (needs help).

Auction Note: Equipment was well maintained.

Terms-Cash or Acceptable Check.

Ordered by
ODENWELDER FARMS, INC.
Philip Odenwelder, Pres.
Refreshments Available

P.O. Box 215 • Fogelsville, PA 18051 • 215-395-8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION INC.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUE. FEB 23 - 9AM Livestock and Farm Equipment. ¼ mile South of Route 30 along Route 896 at 46 Hatman Bridge Road Lanc. Co. Pa. Jonas L. Beiler. Diffenbachs Aucts.

TUE. FEB. 23 - 9AM Late model tractors and farm machinery, Ed Horning & Sons, along Meadow Valley Road, 1½ mile West of Ephrata, PA, Lancaster County. Rentzel, Goodrich & Brown, aucts.

TUE. FEB 23 - 9AM, 14th Annual Horning's Public Sale Of Farm Machinery & Tractors Located Along Meadow Valley Rd., Between Ephrata And Rothsville. Signs Posted On Rt. 272 South And 322 West Of Ephrata Day Of Sale. Lancaster County, Ephrata Township, Pa. Sale Conducted For, Edwin Horning & Sons. Blaine Rentzel, Ed Goodrich & Brown, Aucts.

TUE. FEB. 23 - 9AM Livestock, daity equip., machinery. Located in Mifflin Co., 1 mile S. of Reedsville, Pa. on Route 655. For Mr. & Mrs. Kore N. Kauffman. Mark Glick, auct.

TUE FEB 23 - 9 30AM, 50 Head Holsteins And Modern Farm Machinery Located In Mifflin Co , 1 Mile South Of Reedsville, Pa., Along Route 655 Owners, Mr. & Mrs. Kore N Kauffman, RD, Reedsville, Pa. Mark Glick, Auct

TUE. FEB. 23 - 10AM, Fagen's Building Center-Woodworking Machinery, Tools, Racking Chip Burner, Binks Booth, Compressor, Office Furniture & Equipment. Located On Premises 472 California Rd., Quakertown, Pa. Directions· From Intersection Of Routes 309 & 663 Proceed North On 309 1 Mile To 2nd Traffic Light And Turn Right Onto Pumping Station Rd At Dead End Turn Right Onto California Rd., 1/4 Mile To Triangle Home Center Building On Right Auction Is Adjacent To This Building. Comly Aucts

TUE FEB 23 - 11AM, Betz Milking Herd & Bred Heifer Dispersal, 68 Holsteins. Located On Farm In Turbotville, Pa. Auction Arrows At Junction Of Rts. 44 & 54. (Nth'd Co.) Owner, William Betz. Fraley Auction Company.

WED. FEB. 24 - 9.30AM, Horse Drawn Farm Machinery, 2 Carriages, 4 Head Draft Horses, Sputnick, Antiques. Located At 5559 Seldomridge Road, Lancaster County, Pa., 2 Miles North Of White Horse. From Route 340 Go North On Meetinghouse Road. Owners, Jacob S. & Ruth King. Steve & Steve Jr Petersheim, Aucts.

WED. FEB. 24 - 10AM, Farm Equipment Located Along Rt 194 - 1 Mile North Of Hanover, Pa Or Off Rt 30 In Abbottstown, Go South 3 4 Mile On Rt 194 Seller, Mark & Jodie Forry. Rentzel's Auction Service.

WED. FEB. 24 - 3PM, Antiques, Household Goods, Collectibles & Tools. Located At The Horst Auction Center At The Corner Of Rt. 322 & Durlach Rd. (Approx. 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa. Horst Aucts.

THUR. FEB. 25, Dairy Cattle and Machinery Dispersal. Located 85 Bernheisel Bridge Rd , Carlisle, Pa Owners, Fred Potteiger & Sons. Kling's Auctions, Inc , Sales Mgrs.

THUR FEB. 25 - 12Noon, 17 acre farm, to be sold in 4 parcels or entirety. Route 313, between Massey and Milligton, Md. Harry Rudnick & Sons, Inc , aucts.

THUR. FEB. 25 - 12Noon, Philadelphia Electric Co. GPU Nuclear Corporation. Located Marcus Hook, Pa , (10 Miles South Of Phila Int'l Airport) The Surplus & Equipment & Material At The SBS Surplus Recovery Warehouse, Off Rt 13, In Marcus Hook, Pa (Exit 2 Off I-95, Approx 10 Miles South Of The Phila Int'l Airport) Site Phone (215) 485-9856

THUR., FEB. 25 & FRI FEB. 26 - 8:30AM, 2 Day Public Auction. Both Days Will Be At 8:30 AM. Antiques, Tractors, Engines And New Used And Abused Farm Equipment Located 2½ Miles West Of New Holland, Turn Off Route 23 On South Groffdale Road. Turn Left On Musser School Road, Lancaster County, Pa. Terms By Elias S. Beiler, 601 Musser School Road. Must Have Listing Of What You Want To Sell By January 12, 1993. Robert E. And Jeffrey R Martin, Blaine And Nevin Rentzel, Bob And Dennis Wolgemuth, Randal Ranck, Ed Goodrich Jr , Aucts.

PUBLIC AUCTION

ANTIQUES, FURNISHINGS, MODEL T & A FORDS, OLD CUB TRACTOR, TOOLS & EQUIPMENT

SATURDAY, FEBRUARY 20, 1993

10 A.M.

IMPASSABLE ROAD

DATE, WED., FEB. 24, RIDGE FIRE COMPANY

Along Rt. 23 Between Phoenixville, Pa. And Rt. 100 Held Exclusively For Mr. & Mrs. Don Kulp, Who Are Florida Bound.

Round Oak Claw Foot Table w/Sq. Pedestal, Golden Oak 3 Door Front Load Ice Box, Beautiful Antique Leaded Glass Dove Light, Oak Buffet w/Mirror, Horse Weathervane On Lighting Rod, Cherry Washstand w/White Marble Top, Pr. Loveseat Chairs, Mahogany Castro Convertible Dining Table, Art Deco Tall Chest & Beercase, Refinished Brass Double Bed, Fifties' Bedroom Suite Incl. Wardrobe, Oak Singer, Nursing Rocker, Child's Dropleaf, Cedar Chest, Rock Maple Bedroom Furniture, Country Dropleaf Table, Dove Top Trunk, Parlor Table, Lamps, Stands, Old Pictures & Prints, Fancy China Serving Dishes & Bowls, Kero Lamps And Lanterns, Seth Thomas Drop Octagon Wall Clock, Gilbert Mantel Clock, Ingraham Marbelized Pillar Clock Brass Blade Electric Fan, Sad And Flat Irons, Cookie Cutters & Tins, Antique Kitchen Gadgets, Old Iron Utensils, Set Of California Poppy Trail w/Extras, Set Of 36 Emerald & Crystal Fostoria Colonies, Dame Stemware, Other Fostoria And Old Pressed Glass, Redware & Stoneware Crocks & Jugs, Collection Of Fancy Antique Thimbles, Eastlake Style Coffee Grinder, Pitcher & Bowl Set, Collection Of Bone China Cups & Saucers, Ruffled Cranberry Vase, Cut Glass Candy Dish, The Best Celluloid Dresser Set We've Ever Sold, Complete w/Clock And Lamp, Liberty Bell Goblet, Marble Chess Set, Yellowware Milk Pans, Shirley Temple Pocket Mirror, Collection Of Hess Trucks And Ertl Banks, Antique Clothing, Patchwork Comforts, Iron Balance Scale w/Octagon Weights, Exercise Weights, Target Bow, Commodore 64 Computer, Floppy Cassette, CR20 Printer, 2.5 HP Craftsman Radial Arm Saw, Homelite Chain Saw, Hand Power Tools, Yard & Garden Equip., Gas Drill, AMT Planer, Hahn Rotary Mower, Gun Cleaning Equip. And Ammo., T.V. Sets, Kenmore Washer.

At 1:00 P.M. — Brass Radiator Model Ford Speedster, Restored 1929 Model A Tudor Sedan, Road Ready, Rock Moss Green w/Straw Wheels, Deluxe Tandem Car Trailer w/All Steel Bed.

TED MAURER AUCTIONEER

TED MAURER (AU-000593-L)
Successful Auction Management
Phone (215) 323-1573 In Pottstown, PA.

FARM SALE

CATTLE - MACHINERY

Saturday, March 6, 1993 - 9:30 Sharp

Located 7 miles West of Newville, PA, Cumberland County - From Newville take Route 641 West 6.7 miles to Quigley Road. Turn right, go 1 1/2 miles to Lesher Road, turn Left - Farm is on Left. From Blue Mt. Interchange on Turnpike, take 997 North 3 1/2 miles to Potato Pt. Road, turn Right and go to second stop sign, Left on Lesher Road - First Farm.

FARM MACHINERY - GOOSENECK TRAILER - 10:30 A.M.

Ford 5610 Diesel - 400 Hrs. - Cab - Air Radio - 3 Remotes (New Condition); Oliver 1655 Diesel - Narrow Front - over under - Good Rubber - (Real Nice); White Field Boss 31 - 4 Wheel Drive - Diesel with White 1155A Front end loader - 600 Hrs. (Very Good); Ford 801 Tractor - 5 Speed - 750 Hrs. - Farmall II with Cultivators; New Holland 225 Skid Steer Loader - 2 buckets and Bale Spike- 450 Hrs. (Like New); McCormick F12 Tractor with Single Front Wheel - Runs Good - Excellent Rubber; Glick 18x6 Gooseneck Trailer - Plywood lined - Stainless Steel Sides - Rubber on Floor (Very Good Shape); Hesston 5530 Round Baler - Very Good; 5 Ton Bulk Feed Bin - Kept inside; Wooden Round Bale Feeders with Roofs; 6 Ft. - 3 Pt. Blade; 6 Ft. Snow Blade for Skid Steer; 2 - Ontario Disc Drills; 200 Gal. Field Sprayer; I.H. 56 - 4 Row Planter; N.I. 323 Single Row Picker; N.H. 56 Hay Rake; 3 Pt. Fertilizer Spreader (Very Good); Round Bale Wagon on A.C. Gear; Ford 2 Bottom Plow - 3 Pt.; Ford 3 Bottom Plow - 3 Pt.; Oliver 3 Bottom Plow - Semi Mount; Brillion 10 Ft. Cultipacker - 2 Pups; 3 Section lever Harrow; N.H. 250 Skid Loader; N.H. 478 7 Ft. Haybine - Good; N.I. Cutditioner - 9 Ft. Flails; N.H. 816 Forage Wagon - 3 Beater & Roof - Zimmerman 10-12 Ton Gear - only used 1 year; N.H. 718 Harvester Grass Head & Single Corn; Killbros 350 Gravity Bin on 8 Ton Gear; J.D. 6 Ft. Flail Chopper; N.I. 215 - 3 Beater Spreader; Starline Tank Spreader - Good; I.H. 1150 Grinder Mixer; Little Giant 28 Ft. Elevator; King Wise corn drag; 14 Ft. Grain elevator; Gehl 99 Blower; Woods 5 Ft. - 3 Pt. Rotary Mower; 8 Ft. - 3 Pt. York Rake; Utility Trailer; J.D. 12 Ft. Finishing Disc; 15 Ft. - 4 Inch Auger with Motor; 28 Ft. - 4 Inch Auger; 20 Ft. Square Portable Pasture; Metal lathe; Liquid Applicator for Baler; New Gandy Applicator; Gravely 810 Riding Mower; Gravely Walking Tractor with Rotary Mower and Sulky; Air Compressor - Misc. Tools; 2-6 Hole Stainless Pig Feeders; Nissley 18 inch Wooden Silage Elevator; Nissley 70 Ft. Plow Off Belt Feeder; Nissley 32 Ft. Plow off Belt Feeder; 3 Pt. Harrow - 8 ft. - Yamaha 100 Motorcycle - Runs Good

SAW MILL - FEED

Kasco Saw II - Band Saw Saw Mill - handles 16 to 18 Ft. Logs up to 30 inches - always kept inside - Demonstrated Day of Sale - Electric Saw Blade Sharpener.

Approximately 100 Round Bales of Second and Third Cutting - Kept inside. 50 Ton or more of New Corn.

MULES AND HORSE EQUIPMENT

2 Sorrel 5 Yr. old 15 2 Hand Work Mules; 2 Sets Work Harness; Set of Pony Work Harness; Fore Cart - 1 Horse Cultivator - 1 Horse Plow; Saddles - Bridles - Blankets and Misc.; Riding Mule 14.2 - 17 Yrs. old - Very Gentle; Gruber 2 Horse Wagon with good Corn Box; One or Two Horse Sleigh on Springs - Good Shape; McCormick 2 Horse Cultivator

CATTLE - SOLD LAST

50 Head of Beef Type Cattle - All Heifers - Ranging in weight from 400 to 1000 lbs. Mostly Crossbred Beef Breeds - only 3 Holstein Heifers - Well fed - good, clean, healthy cattle that will suit anyone.

Not Responsible for Accidents

Out of State Buyers must bring current Letter of Credit if not known by Owner or Auction Company. I.D. Required for Bidder Number. Lunch Stand Reserved

Owners: Richard E. and Patricia Conrad
19 Lesher Road, Newburg, PA
Ph. 717-423-5666

Sale Managed By: Kling's Auctions, Inc.
Landisburg, PA
Ph. 717-789-3883
PA License #AU500

AUTOTORE'S AUCTION

COLLECTIBLES CLOCKS FURNITURE GLASSWARE

SATURDAY, FEB. 20, 1993

9:00 A.M. START

LOCATION: Rt. 254 West of Millville, Jerseytown Community Center. Off Interstate 80 Exit 34 Head North on Rt. 42. Follow Rt. 42 N. to Millville in Millville make a left at the blinker on RT. 254 W. Approx. 4 miles to Jerseytown, School on Right.

FURNITURE: Blanket chest w/carved dragons on top, Sm. 3 drawer dresser w/marble top, 5 pc. Mahogany clawfoot bedroom suite, 2-cedar chests, waterfall cedar chest, Empire dresser w/bonnet drawer and 3 graduated drawers sandwich glass pulls, curly maple dresser, Walnut & crotch walnut music cabinet w/brown marble top & lyre on front, (Pem Brook style) pr. drop leaf end tables, Gov. Winthrop desk w/bookcase top, rocker w/mother of pearl inlaid back, 4 oak chairs, eastlake arm chair, Hammond organ, Lg. Northwind chair, larkin desk, (stanly) Fruitwood hutch, Duncan phyfe table w/3 pedestals, dough box table, gateleg table, 2 drawer jelly cupboard, Lg. Empire side board w/lion face pulls, side board, dovetailed wagon box, Wicker cradle.

COLLECTIBLES:
Nippon dishes, stick pins, German beer steins, set of Homer Laughlin Virginia Rose dishes, sterling spoons, dishes & candle sticks, cut glass water pitcher w/tumblers, silver over copper tea set, depress. glass, hall tea pot, porcelain head pin cushions, 5 gallon jug, crocks, Amchar doll open closed eyes open mouth w/ teeth, linens, 2-silk scenes hand stitched oriental villages, Petuna slop jug other Petuna pottery pcs.

CLOCKS & PRIMITIVE ITEMS: 8 day King Ansonia clock, Sessions clock girl on swing, Ansonia shelf clock w/dragon handles, Unno 1750, Springfield cider press, grindstone spinning wheel, mining tools, We have lots of small items to sell, also household items in pots & pans, blankets DBL oven Magic Chef electric stove.

TERMS: CASH, NO OUT OF STATE CHECKS

SELLER: LOCAL ESTATE

Note: All items must be out by 6:00 P.M.

AUCTIONEER: Kim Autotore Crawford
AU-2018-L 717-784-3797 or 784-3506

Apprentice Auctioneer: Stan Williams
AA-1952-L

WOLGEMUTH'S ANNUAL CONSIGNMENT AUCTION

SAT., APRIL 10, 1993 9:00 A.M.

Located 4 miles west of Manheim, along Valley Road off Hosler Road, 10 min. from Rt. 283, Lanc. Co., PA. Watch for sale signs.

Why not turn that unused equipment into cash! Anything sold on commission. No household goods or junk accepted. Deadline for advertising-March 26.

Receiving daily March 29-April 9, 8 AM to 5 PM. Sat. til 3 PM, April 10 by appointment ONLY. Closed Sundays.

For information call (717) 665-6684 or 733-8192
Robert Wolgemuth-manager Lic. #1534
Wolgemuth Auction Service
2101 Valley Road, Manheim, PA 17545

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

THUR FEB 25 - 9 30AM, Spring Consignment Sale Located Everetts Corner, 3 Miles West Of Kenton, DE. On Rt 300. C T. Scuse & Sons, Inc, Sales Mgr. & Aucts

FRI. FEB. 26 - 9AM Farm machinery, horses, mules. Loc: Take Rt. 896 S. of Strasburg, Pa. app. 13 miles. Terms By, Samuel M. & Sara A. Stoltzfus. Kreider, Kline & Good Aucts.

FRI. FEB. 26 - PA Dairy Classic Sale w/Stonehurst Farm, New Holland, Pa. The Cattle Exchange.

FRI. FEB. 26 - 9 30AM, 5 Head Work Horses, Horse Drawn Farm Machinery & Some Furniture. Located In Mifflin Co , 4 Miles North Of Reedsville, Pa , On Honey Creek Road, Turn Right In Lane. Owner, David S. Zook, RD, Reedsville, Pa Mark Glick, Auct

FRI. FEB 26 - 10AM, Tractors, Combines, Trucks & Farm Equipment. Located 8 Mi. N. Of Easton, Lower Mount Bethel Twp., Northampton Co., Pa. Travel Rt. 611 N From Easton, 1 Mi. S Of Martins Creek Turn L Onto Howell Rd., 3 Mi. To Auction. Ordered By Andrew Ehouse. Ralph W. Zettlemoyer Auction Co., Inc.

FRI. FEB. 26 - 10.30AM, Mayerdale Farms Complete Dispersal Selling J D. & N H. Machinery, Holstein Cattle & Dairy Barn Equipment. Located Honeyoe Falls, New York. Pirrung Aucts., Inc 716-728-2520.

FRI. FEB. 26 - 11AM, Brook Honey Reg. Holstein Dispersal Located At The Farm On Todd Road, Chester County, Pa , Half Mile North Of Honey Brook Go North On Route 10 From Route 322 From Morgantown Go South On Route 10. Auction Held For, John Omar & Naomi Stoltzfus Steve & Steve Jr Petersheim, Auct

FRI FEB 26 - 1 30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc , Exit 13 South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

FRI. FEB 26 - 3PM Antiques, collectibles, jewelry, coins & personal property. At Springetts Fire Co. Social Hall, 3013 E. Market St , York, Pa. Brial L. Gilbert. Jacob A. Gilbert, aucts.

FRI. FEB. 26 - 5PM Winross & Ralstoy Collection at Alderfer Auction Center, 501 Fairground Rd., Hatfield, PA 19440. Alderfer Auction Co.

FRI. FEB. 26 - 7:30PM Cattle Exchange, Dairy Classic. Held at New Holland Sale Stables. 140 Head of quality Holsteins.

SAT. FEB. 27, Strasburg Fire Co. Will Be Holding Their 19th Annual Public Sale

SAT. FEB. 27, Very Fine Antiques. Located At 1369 W. Main St , Ephrata, Pa. For Arlene H. Minnich Estate. Paul E. And Aaron E. Martin, Aucts.

SAT. FEB. 27 - W.L. Palmer & Al Withers, Lewisetta (East of Warsaw), Ownby Auction & Realty Co., Inc.

SAT. FEB. 27 - Henry K. King, 1426 Noble Road, Kirkwood, Pa. Saw Mill & Misc. Feed Equip. G Harvey Weik, auct.

PUBLIC AUCTION

OF VALUABLE REAL ESTATE, CAR, ANTIQUES, FURNITURE, GLASSWARE, MASONRY TOOLS, COINS & HOUSEHOLD GOODS

FRIDAY, MARCH 5, 1993

10:00 A.M.

LOCATED AT: 5821 Lincoln Highway, Gap, Salisbury Township, Lancaster County, PA. From Route 41 & Route 30 Intersection In Gap, take Route 30 East approximately 2 miles - watch for signs.

☆ REAL ESTATE (TO BE SOLD AT NOON) ☆

Real estate consists of a 50 year old cape cod dwelling with 2 or 3 bedrooms, full bath, eat in kitchen, living room with stone fireplace, den, full basement with outside entrance, attached 1 car and detached 28'x32' 2 car garage. Oil hot air heat, on site water & sewage. Lot size approximately 7/10 acre that is level with frontage on 2 streets. Prefect starter home, or investment. This property deserves your attention.

OPEN FOR INSPECTION - SAT., FEBRUARY 13 & SUN., FEBRUARY 14 2-4 PM. CALL AUCTIONEERS FOR COMPLETE BROCHURE OR PRIVATE SHOWING.

AUCTIONEER'S NOTE: Great opportunity for first time home buyers. Come early for this one.

PAYMENT TERMS: Personal Property- Payment in full day of auction with cash, certified or approved check. Real Estate - 10% down payment day of auction - balance due within 45 days. Transfer taxes paid by buyer.

Auction Conducted For:
Estate of
ERIC N. SWANSEEN
Fulton Bank Administrators

Auction Conducted By:

BARR DAVIS AUCTIONEERS

Stephen J. Barr AU-002422-L
James S. Davis, Jr. AU-002421-L
Gap, PA 17527 • (717) 442-9221

Plenty of Good Food Available

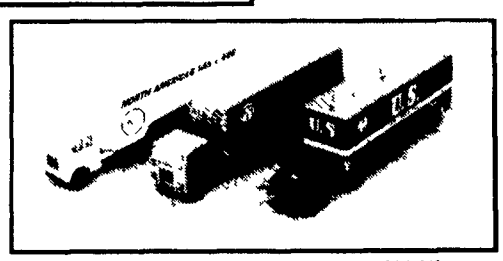
AUCTION

WINROSS & RALSTOY COLLECTION

AT:
ALDERFER AUCTION CENTER
501 FAIRGROUNDS ROAD
HATFIELD, PA 19440
(215) 368-5477

FRIDAY, FEBRUARY 26, AT 5:00 PM

PREVIEW: Day of Auction, 3:00 - 5:00 PM



Featuring the collection of Mr. Darrell Hicks of Maumelle, Arkansas. OVER 300 WINROSS TRUCKS, including: K-Line; ABF Doubles; Jones Motor Lines; Steel Truck (1965 model); REA Express, Consolidated Freightways; Associated; American FS; Eastern Express; Firestone; Gateway; W.T. Grant; Lee Way; Hennis; MFX; Dryden; 15ft Van; Howard Johnson, 32 ft, 1965 model; Decker Transport; PIE Tanker; Branch; Jones Truck Lines, Chief; Cooper-Jarrett; Spector; Strickland; Wilson; Yellow; Oklahoma-Kansas triples. Race Vans including: Bill Elliott; Richard Petty; Kyle Petty. 75 RALSTOY TRUCKS, exclusively moving vans with early 60's & 70's logos including : United Van Lines - Canada; Paul Arpin; Republic Van; Allied; Greyhound; Barrieau; Lyon Moving; Pyramid Van; Engel Van; Smyth Greyhound; North American Van; Atlas Van; Weathers Bros. Van; U.S. Van Lines; American Red Ball. FOR THE LOCAL COLLECTOR: Frenchs; Mopac Van & Tanker; Hatfield Reefer, Livestock & Tanker; Longacre Family; Wampler Longacre; Rosenberger Cold Storage; Rosenberger Dairies; Lehigh Valley Reefer & Tanker; Herrs; American Olean - both editions. REQUEST LISTING.

ABSENTEE BIDS ACCEPTED ONLY WHEN ACCOMPANIED BY AN ALDERFER ABSENTEE BID FORM.

CALL (215) 368-5477 FOR DETAILS

Terms: Cash / acceptable check / VISA - MC • PA NO. AU-001172L

SANFORD
ALDERFER AUCTION COMPANY, INC., 501 Fairgrounds Rd., Hatfield, PA 19440

Gordonville Fire Co. & Ambulance Assoc.

25th Annual Spring Sale

SATURDAY, MARCH 13, 1993

LOCATION

Drive 10 miles east of Lancaster, Pa. on Rt. 30. Turn north on Old Leacock Rd. at American Bank. Sale is 1/2 mile ahead on the right. From Rt. 340, turn south on Old Leacock Rd. Sale is 1 mile ahead on left.

Assortment of spring wagons, buggies, sleighs & carts. Call at (717) 768-3869 between March 8-13, 1993 or notify Elam R. Petersheim, 201 A. Belmont Road, Gordonville, Pa. 17529. Commission Rate 5% to 15%.

PUBLIC AUCTION

LAZARUS COMPLETE FARM DISPERSAL

Farm Machinery, 3 tractors, Combine, Antiques, House items, shop tools, small items, etc. (Farm Sold-makes sale necessary).

(3 generation accumulation)

On farm 2 miles NE of Potts Grove, Pa. along Mexico Road. 5 miles E of Milton, 6 miles W of Washingtonville. Auction arrows off Rt. 642 Just E of Potts Grove.

****

SAT. FEB. 27, 1993

Starting 9 A.M. Sharp
With House Items

****

ANTIQUES, COLLECTORS ITEMS, HOUSEHOLD GOODS, ETC.

7 room house full of Antiques & primitives from 3 generations that lived on this farm. For full list of house items call Auctioneer.

3 TRACTORS, COMBINE, FARM MACHINERY

(Sells 1 P.M.)

3 TRACTORS: AC 180D; IH 574D utility, Curtis Cab; Farmall H w/Loader; AC Gleaner EIII SP combine, 2 heads; JD 4-16" plows; 12' harrow; 12' & 9' cultipackers; Pittsburg 15' transport disc, CT 200 gal sprayer; IH Cyclo 400 4RW corn planter; IH #10 16-7 drill; IH 1PR picker; III 990 haybine; Ford 3 pth 7' bar mower; Woods rotary mower; IH 35 rake, triple rubber teeth; NH 270 thrower baler; 5 wagons; 2-18' thrower racks, army box, 14' dump, McCurdy gravity bin; Ford blower, buzz saw; 3 pth fert. spreader; 12v grass seeder; PTO seeder; NH drag elevator; 3 pth 2 row cultivators; MFS 10 1/2' grain bin sweep for 21' bin-new; Westfield 16'x4" grain auger w/motor; grain cleaner w/screens; homemade corn elevator; JD 3 pth quik-hitch; Lots of PRIMITIVES & SMALL ITEMS: shop tools, etc.; inc. welder; forge; kero heater; air compressor; chainsaw; ladders; etc. etc. unusual horse drawn spike tooth ditch digger; BUTCHER EQUIP.: 3 kettles, lard press; power grinder; scauld trough; etc.

Auct. Note: This will be an all day sale, after 3 generations in the same family the farm is sold, many old & primitive items sell not listed, plan to attend. Sale order- starting house items & antiques, 12 noon shop tools, 1 PM big farm machinery, followed by balance of sale.

Owners,
DANIEL K. & LOUISE LAZARUS
(717) 437-2866

Conducted By
FRALEY AUCTION CO.
Licensed & Bonded
RD 4, Muncy, PA 17756 • RY71L
(717) 546-6907

AUCTION

DAIRY HERD AND FARM MACHINERY

Thursday, February 25, 1993 - 9:30 A.M. Sharp

Located off Route 81 at Exit 17 Carlisle. Turn North on Route 11, turn on Bernheisel Bridge Road at second red light, at Hess Gas Station. First Farm. Watch for Sale Signs.

TRACTORS

I.H. 3088 Tractor - 2700 Hrs. - Fender Tractor - Dual Hydraulic - Very clean
Case I.H. 885 - 4 Wheel Drive - 2050 Hrs. - Factory Cab - Air - Sold with Case I.H. 2255 Loader - Tractor in Excellent condition.

78 Pontiac Bonneville - 2 door - Full power

MISCELLANEOUS FARM EQUIPMENT

New Idea tandem axle Double beater Spreader; New Idea #245 Tandem axle Single beater Spreader; Woods #120 - Ten foot Rotary Mower; Bale King 18 Ft. Pipe Rack Wagon; I.H. pull type Disc and Brillion Cultipacker; J.D. 3 lever Harrow; Century 500 Gal. Sprayer - covers 12 rows - Foam markers; I.H. #80 3 Pt. 8 Ft. Snow Blower - like new; Surge 25 KW Generator on Cart; Silomatic 26 Ft. Silo unloader - only used for High Moisture; Kingwise 30 Ft. Elevator; J.D. Hay Tedder; Cardinal 16 Ft. Elevator; M.F. #25 3 Pt. Hay Rake; 2 - J.D. #115 Self Unloading Wagons; Water Pump 3 inch with 8 H.P. Gas Engine and Hose; Garden Tractor Sprayer; Ford 3 Pt. Sycle Bar Mower - Belt Drive; 2 Wheel Cart - Heavy; 2 - Large Double Fan Ventilating Fans; 2 - Wagon loads of Misc. Items

DAIRY HERD

125 Holsteins - Registered and Grades

Milking Herd consists of 90 Milking Animals - 30 Recently Fresh - 25 Springing Now - Balance in Different Stages - A few open Heifer and Calves.

Sires of Registered Animals Selling Include: Astro Jet - Inspiration - Ares - Star Buck - Micheal - Kirk Boy - Steady - Count - Jethro - Trifecta - Odyssey - Hanover Hill Renegade - Designer - Security and many other top bulls.

4 Show-age Heifers - 2 born September, 1991, Registered Open Heifers, Sired by Inspiration and Lindy. 2 born December, 1991, Registered Heifers, Sired by Elevation and Tab.

Every Animal vaccinated for Shipping Fever - Blood and T.B. Tested - Pregnancy checked.

Majority of Dairy Herd are First and Second Calf Heifers with Fancy Udders and Good Feet and Legs.

Tie Stall Milked and Housed in Free Stalls - Herd has always been above 4% Fat at Milk Plant.

Catalogs Day of Sale
Not Responsible For Accidents
Lunch Stand Reserved

Owners: FRED AND LOUISE POTTEIGER
85 Bernheisel Bridge Road
Carlisle, PA 17013
717-766-9816 - Barn
717-766-5777 - Home

AUCTION SERVICE KLING'S

Sales Managed By: Kling's Auctions, Inc.
Landisburg, PA 17040
717-789-3883
PA License #0500

Sale Order: Misc. Items - Machinery - Dairy Cattle 11:00 A.M.

MACHINERY & EQUIPMENT SURPLUS
TO THE NEEDS OF
FAGEN'S BUILDING CENTER
WOODWORKING MACHINERY,
TOOLS, RACKING, CHIP BURNER,
BINKS BOOTH, COMPRESSOR,
OFFICE FURNITURE & EQUIPMENT
TUESDAY, FEBRUARY 23-10 A.M.
ON PREMISES
472 CALIFORNIA RD.,
QUAKERTOWN, PA

Directions: From Intersection of Routes 309 & 663 Proceed North on 309 1 mile to 2nd traffic light and turn right onto Pumping Station Rd. at dead end turn right onto California Rd., ½ mile to Triangle Home Center building on right. Auction is adjacent to this building.

DOOR MACHINES, SAWS, ROUTERS, PLANER

2 Ruvo Door Machines Model 925 S/N 1479, Model 900AP S/N 1294, Ruvo Stair Router Model 2200 S/N 16231, Ruvo Assembly Table Model 1200A S/N 1224, Ruvo Clamp Spline Model 1400 S/N 1293, Rubo Casing Cutter Model 808, Ruvo Double End Door Trimmer Model 1300 S/N 154, Ruvo Casing Saw Model 808 S/N 1224, Ace Door Lite Router, Norfield Casing Saw Model 150MSK S/N MSK275K, 24" Crescent Planer S/N 82524, 2 Uniport Model X36AF Radial Arm Saws, B&D Model 7790 Radial Arm Saw, 2 Dewalt Radial Arm Saws Model GA & 1030, SCM-M3 Rip Saw, Rockwell 12"-14" Tilting Arbor Saw, Powermatic Jointer Model 50, Delta Router S/N 75-2255, Mold Matcher Model XL60 Machine.

CHIP BURNER, PAINT BOOTH, COMPRESSOR

Chip Burning Syhstem - G&S Mill w/Burner, Blower, Hopper, Screw Feed & Controls, Hammermill, Schutte Model #90H2F, 200 HP w/24" Vibrating Feed Conveyor, LeRoi, Model 30SSE Air Compressor w/Kellogg Air Dryer, Binks Spray Booth 10'x10'x20' w/Explosion Proof Lights & Exhaust, Honda 5000 Watt Electro Magnet Generator, AC/DC 230 Arc Welder, Dynamark Snow Thrower, 150,000 BTU Reddy Heater, 35 Sections Pallet Racking, 50 Wooden 4 Wheel Shop Carts, Vacuum Pump.

MATERIAL HANDLING EQUIP., OFFICE FURNITURE

Werner Craftsmaster Power Ladder, Hand Trucks, Key Machine, Air Hose, Cards, Pedestal Fans, Extinguishers, Rakes, Shovels, Brooms, Ladders, Hand & Power Tools, Chains, Binders, Shop Tables & Cabinets, Gas Cans, Locksets, Closet Rods, Floor Safe, Folding Tables, Polaroid ID-3 System 710 Camera, Copiers, File Cabinets, Refrigerators, Pedestal Tables, Metal Shelving Desks, Chairs, Office Supplies, Typewriters, Fax Machines, Calculators, Desk Lamps.

INSPECTION: MONDAY, FEBRUARY 22, - 10 A.M.-3 P.M.
TERMS: CASH OR CASHIERS CHECK -
COMPLETE PAYMENT SALE DAY

ESTABLISHED IN 1834
COMLY Auctioneers
WM. F. COMLY & SON, INC.
1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500 FAX (215) 634-0496
PA Auctioneers License No. RY-000087-L

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. FEB. 27 - 8:30AM, Tractors, Farm Equipment, Riding Mowers & Misc., Collectibles & Butcher Tools. Located From I-83 Exit 6E Take Rt. 74 S 1 Mi. To Campbell's Music Store. Turn L Onto Oak Rd. & Go 1½ Mi. To Sale, Or From Dallastown Take Fruitlyn Dr. To Raab's Fruit Farm. Turn L & Go ½ Mi. To Sale. Follow Signs! Melvin Haines & Ralph Brenneman, Aucts.

SAT. FEB. 27 - 8:30AM, Public Sale, 19th Annual All Day Sale Of Horses, Mules, Farm Equipment, Hardware, Tools, Household Goods, Guns, Coins, Quilts, Groceries, And Much More. Located At The Strasburg Fire Co., 46 West Main St, Strasburg, Pa. By The Strasburg Fire Co.

SAT. FEB. 27 - 9AM, Farm Machinery, Shop Tools & Some Furniture. Located 3 Miles S.E. Of Sunbury, Pa, Take Route 147 South 1 Mile, Turn Left On Brush Valley Road, 2 Miles To Cider Press Road. Owners, John W. (Bud) And Mary Snyder. Mark Glick, Auct.

SAT. FEB. 27 - 9AM Lazarus Farm Complete Dispersal (3 Generations Accumulation). Farm Machinery, 3 Tractors, Combine, Antiques, Primitives, Household Goods, Shop Tools, Etc. All Day Sale! Located On Farm 2 Miles NE Of Potts Grove, Pa., Along Mexico Road, 5 Miles E Of Milton, 6 Miles W Of Washingtonville. Auction Arrows Off Rt. 642 Just E Of Potts Grove. Owners, Daniel K. & Louise Lazarus. Fraley Auction Company.

SAT. FEB. 27 - 9AM, Farm Equipment, Trucks, Few Household Goods. Located South Of Rt. 81, Carlisle, Pa. Rt. 74, York St., 2¼ Mile Or 7 Mile North Of Dillsburg Off Rt. 15 Onto Rt. 74. Turn West On Springville Road, 1st Farm On Right. Watch For Signs Seller, Gary & Elaine Shughart. Rentzel's Auction Service.

SAT. FEB. 27 - 9AM Blacksmith tools, lumber woodworking tools, boat oak roll top desk and fabrication shop tools. Westminster, Maryland. At 2820 Cape Horn Rd. From Westminster take Rt. 27 north to Rt. 482, 2¼ mile to left or Cape Horn Rd., .6 miles to sale. By Wilson Neudecker Jim Beaver, auct.

SAT. FEB. 27 - 9:30AM, Complete Farm Machinery Auction. Located 12 Miles North Of Carlisle, Off Route 74, Landisburg, Pa. Owners, R. Jack And Peggy Crozier. Kling's Auctions, Inc., Sales Mgrs.

SAT. FEB. 27 - 9:30AM, Cattle & Farm Machinery. Located In Clinton County, At Beech Creek, Pa. Along Rt. 150N. Sale By, Mrs. Margaret Masden. Ron Gilligan, Auct. #AU339-L.

SAT. FEB. 27 - 9:30AM, Modern Household, Antiques, Oak Rd. Table, 4 Wheel Ford 1520 Diesel Tractor/Loader, Flail Mower, Hickory Shaft 2 Wh. Pony Cart, Saddles/Bridles/Horse Items, Air Compressor, Tools & Skid Shed. Located 8 Mi. S.W. Of Lehighton Via. Rt. 443 (Turn At Normal Square), 3 Mi. S. Of Rt. 443 & Village Of Normal Square (Fritz Rd.), 6 Mi. E. Of Rt. 309 Close To Village Of Snyders (Turn Onto Pine Hill Rd.), East Penn Twp., Carbon Co., Pa. Sale By, Paul/Gaye Gonzalez. Doug/Tim Houser, Aucts.

SAT. FEB. 27 - 9:30AM, Cattle, Farm Equipment, Hay, & Grain. Located Along Rt. 150 At Beech Creek, Pa, Clinton County Or Approx. 6 Miles South Of Lock Haven, Pa. Along Rt. 150. Sale By, Mrs. Margaret Masden. Ronald J Gilligan, Auct.

SAT. FEB. 27 - 9:30AM Farm equipment for Hackett Farms, Mill Rd., Bargaintown, NJ, Rt. 40 to Fire Rd. turn Rt. 2nd light, turn left. Ralph D. Hughes aucts.

SAT. FEB. 27 - 10AM Country Heaven Holsteins Complete Herd Dispersal (Some Equipment Sells) Located 5 Miles From Tunkhannock. Owners Leroy & Elaine Sands Woods Auction Service.

SAT. FEB. 27 - 10AM Tractors & Farm Equipment. Located Fulton Co Pa. Selling For Tom And Dorothy Fath.

SAT. FEB. 27 - 10AM, Hunting & Fishing Items, Guns, Decoys, Artwork By Ned Smith, Randy Rowe, Larry Toscik & Others, Books, Tom Mix Memorabilia. Located At The Horst Auction Center, At The Corner Of Rt. 322 & Durlach Road (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster Co., Pa. Sale For, Dan Seiverling & Dr. Richard Seiverling. Horst Aucts.

SAT. FEB. 27 - 10:30AM 150 Holsteins, 100 cows, 50 heifers of all ages. On the farm located near Thurmont in Frederick Co., Md. Long View Farm, owners. Denny Remsburg, auct.

SAT. FEB 27 - 11AM Valuable real estate, 8.8 acre farmette, personal property, farm equip Located 1529 Reading Rd, located approx. 1 mi north of Bowmansville along Rt. 625 on left. Brecknock Twp., Lanc. Co. By Paul Z & Alda N. Brubaker Kline, Kreider & Good, aucts

SAT. FEB 27 - 11AM, Real Estate, Farm Machinery, Milk Equipment & Reg. & Purebred Jersey Dairy Herd. Located 4 Miles South Of Salem, Ohio Or 4 Miles North Of Lisbon, Ohio To The St. Jacobs Rd. Then West 1 Mile To The Eagleton Rd Then North 1 Mile To Farm. Owners, John C. & Deborah R Siembida. Jim Baer Auct

SAT. FEB. 27 - 11AM Absolute bankruptcy auction. Real estate, 5 truck tractors & equip. Along Old Rt 22 West of Mifflinburg, Pa At Casners Auto Sales & Trucking, from red light in Mifflintown Sq. go West 1.5 miles to property on right. By U S Middle District Bankruptcy Court Kerry A Pae, auct.

PUBLIC AUCTION
FARM MACHINERY
2 BLACK MULES; 1 SORREL MULE;
2 SORREL WORK HORSES;
1 BAY WORK HORSE
FRI., FEB. 26, 1993
9 A.M.

Loc.: Take Rt 896 South of Strasburg, PA app 13 miles.

7 Sets of harness, bridles, collars & check lines; 2, 3, 4, 5, 6 horse hitches; 3 fore carts, 1 is a auto turn; braking cart; two horse Bob sled; one horse sleigh.

460 FARMALL TRACTOR ON STEEL

311 NH baler, good cond.; 303 AC baler for parts; Stoltzfus bale elevator w/50' hyd. hose; 456 NH mower w/10 hrp. engine; No. 9 ground driven mower; 256 NH rake; McCormick Deering 4 bar rake; 402 crimper w/Wisc. engine; Cunningham crimper; Pequea hay tedder; 3 flat bed wagons; 2 row McCormick Deering corn planter; 2 McCormick Deering cultivators; 1 row 323 NI corn picker w/AC engine; McCormick Deering corn binder & loader w/10 hrp. engine; 1 horse binder; Brady flail chopper w/Wisc. 65 hrp. engine; 1 horse binder; Brady flail chopper w/Wisc. 65 hrp. engine; Gail C40 silage cutter w/50 ft. pipe; 2 way White Horse plow; 106 Wiard walking plow; McCormick Deering 20 disc harrow; 9 ft. Little Britain harrow; 3 section spring harrow, log roller; cultipacker, dirt scoop; ferti. drill; Lely spreader;

NI 1 row tobacco planter, spears; cutters; 13,000 tobacco lath; 3 Minnich balen boxes; 1 row potato plow; snow plow w/hyd. lift; Pequea manure spreader; 206 NI manure spreader; 300 gal. Girton milk tank w/compressor; 175 gal. gas tank; 2 platform scales; 4 & 12 hole hog feeders; 6 farrowing crates; 3 chicken crates; nap sack sprayer; butchering equipment; scalding trough; scrapers; meat grinder; sausage stuffer; milk cans; anvil; tire shrinker; mower knife sharpener; 300 ft. litter carrier track; 2 way switch & Jamesway tub.

Household Goods: 6 Cane seated chairs; odd chairs; rocking chair; couch; single bed; crib; chifforobe; crocks.

Items too numerous to mention. Lunch available. Not responsible for accidents day of sale No out of state checks.

TERMS BY
SAMUEL M. & SARAH A. STOLTZFUS
Auction Conducted By: Lloyd Kreider, #513L, 717-786-3394,
Randal Kline & Roy Good

KREIDER, KLINE & GOOD
AUCTIONEERS

PUBLIC AUCTION
Thursday, March 4, 1993 - 9:30 A.M. Sharp

Located In Perry County. From Newport, take Route 34 East to Montgomery Road (Bucks Valley). Take Second blacktop to right, Acker Road, past Smith's Farm Equipment, blacktop lane to right. From 322, off at Midway Exit, turn right, immediately turn left on Acker Road. First driveway on left. Watch for Signs.

ANTIQUES AND HOUSEHOLD - SOLD FIRST

Antique Parlor Stove, 2 Butcher Kettles, Corn Shellers, corn cracker, Step Back type cupboard, Butter Churn, Child's High Metal Wheel Tricycle, Child's Pull Wagon with Sides, Lard Press, Cherry Seeder, Child's wheelbarrow, Several good Advertising Boxes, Crocks, Jugs, Bottles, Lanterns, License Plates from 20's and 30's, Small Antique Sled, Regulation size Pool table - good, 2 Rope Beds, Child's Wooden Rocking Horse, Philco Wood Case Radio and original box, 3 Trunks, Wall Crank Telephone, Ice Saws, 2-man saws, Platform Scales, Oak Dresser, Veneer Bedroom Suite, Assorted Games and toys, Single Barrel Shot Gun - 32 Rim Fire Octagon Barrel, Buggy Shaft, and Miscellaneous household items.

FARM MACHINERY

I.H. 1066 - Year round Cab - Wide Front - New Rubber - 200 hrs. on Major Overhaul - Good clean tractor; I.H. 666 - Cab - Diesel - Wide Front - 3800 Hrs. - Good tires - Nice; I.H. 574 - Diesel - 3300 Hrs. - Dual PTO - very clean; I.H. 4135 Skid Steer Loader with 2 Buckets - Good; Farmall Super C with cultivators - Good; 1974 Chevy - C-60 - Dump Truck - 14 Ft. Wooden Grain Body - 350 - 4x2 - Inspected - No rust

I.H. 715 Combine - Corn & Bean Special - Cab & Air, 844 Corn Head - 4 Row, 810 13 Ft. Grain Head (All in Good Shape); N.H. 316 Baler with Thrower; N.H. 489 Haybine used 3 Seasons; I.H. 400 Cyclo 4 Row Planter; N.I. 324 - 2 Row Wide Picker; I.H. 1150 Grinder Mixer; I.H. 550 Manure Spreader; I.H. 370 Transport Disc; Glencoe 7 Tooth Soil Saver with Vibra Shank on Rear; I.H. 12 Ft. Field Cultivator with 2 Ft. Hydraulic Wings and Leveling Bars; I.H. #110 - Side Mount Mower - Runs up or down; 15 KW Generator on Cart; J.D. 2 Ton Trail Fertilizer Spreader; 18 Ft. Pipe Rack Hay Wagon; Wooden Rack Hay Wagon; Zimmerman 28 Ft. Elevator; I.H. 510 16 Double Disc Grain Drill with Detrackers; 16 Ft. Cardinal Elevator with New 4 Ft. Extension; Corn Drag; Auger Grain Cart; Century 300 Gal. Field Sprayer; I.H. #35 Hay Rake; Brillion 12 Ft. cultipacker; 2 - McCurdy Bin Wagons; I.H. #50 Flail Stock Chopper; Valk 9 Ft. Snow Blade - Power Angle Set up for Truck or Wide Front Tractor; 8 Ft. 3 Pt. Snow Blower; 5 H.P. Air Compressor - Upright tank (New); NAPA Air Tire Changer; Allied 50 Ft. 6 inch Grain Auger on Wheels; Little Rhino 6 Ft. Blade; 1974 Polaris 250 TX; Hydraulic Lift Scaffold - 14 Ft. Lift Platform; Mac Pressure Washer - up to 1000 PSI; 150,000 BTU Dayton Kerosene Heater; 3 - Stihl Chain Saws - 028 AV - 011 AV - 041 AV; Woods 3 pt. 4 ft. Rotary Mower; 2 - Portable Air Compressors; Federal Rolling Screen Grain Cleaner; Long Extension Ladders; I.H. Suitcase Weights; Tire Chains; Cement Mixer; Assorted Iron & Steel - Some new; Nuts & Bolts and Misc. Shop Supplies; Hand Tire Changer; Hydraulic Motor - Electric Motors; Forge - Band Saw; 4000 Gal. Steel Fertilizer Tank.

Also Selling for Neighbor: I.H. 806 Diesel N.F. 3 Pt.; 21 Ft. Grain Bin Sweep; 16 Ft. Skeleton Elevator; Small Trailer; Windmill Grain Cleaner; Fuel Tank and Pump; I.H. 656 Utility - Gas; 5 Ft. 3 Pt. Snow Blade; 7½ Ft. Myers Power Angle Snow Blade; Rear Mount Buck Saw.

I.D. Required for Bidder's No.
Not Responsible for Accidents
Lunch Stand Reserved

Owners: HERMAN, JR. AND LEORA KRAFT
R.D. 1, Newport, PA
Ph. 717-567-3396

KLING'S AUCTION SERVICE

Sale Managed By: Kling's Auctions, Inc.
R.D. 1, Box 66, Landisburg, PA
PA License #0500
Ph. 717-789-3883 (Office)

SHORT NOTICE
CONTRACTORS' AUCTION
THURSDAY, FEBRUARY 18, 1993
9:30 AM Sharp

LOCATION: On the site located at 423-C East Patrick St., Frederick, Maryland, across from the "Bancroft Dairy", near the Frederick County Fairgrounds.

NOTE: R.F. Kline, Inc. is closing out its Commercial and Industrial Electric Division and will be selling hundreds of lots including inventory items, misc. new and used tools, and office furniture.

OFFICE FURNITURE

Desks; tables; file cabinets; bookcases & typewriters.

TOOLS

3 phase 7½ hp air compressor; drill presses; Pulsar 960 tester; Sheldon turn lathe; welders; bolt bins; shelving; industrial vac. cleaners; wire carts; manual & hyd. benders; core drills; oil buckets; wire baskets; hot boxes; ropes; extension cords; etc.

NEW INVENTORY

Conduit fittings ½ " to 5" (thin wall & rigid); box cable; disconnects; panel cans; PVC coated rigid fittings; misc. light fixtures; steel & alum. light poles; Catweld molds & shot; 120, 240, 277 & 480 breakers; 250 - 600 volt fuses; manhole racks & insulators; asstd junction boxes; bust bars; fire alarms; smoke detectors; heat detectors; pull station; speakers; plumbing fittings Walker duct; anchor bolts; ¾ - 4" seal tights; ¾ - 4" Greenfield; and much, much more.

SALE ORDER: Furniture, tools. Inventory will sell in various lot sizes.
REMOVAL: By SATURDAY, FEBRUARY 20th At 12:00 NOON

TERMS: Full settlement on day of auction by CASH, APPROVED CHECK OR COMPANY CHECK WITH BANK LETTER OF GUARANTEED PAYMENT. No items will be released until guaranteed funds are received.

INDUSTRIAL AUCTIONS, INC.
Wolfe
10510-A Woodsboro Pike, • (301) 663-8644
Walkersville, MD 21793 AU-002335-L

Randy Ruby, President

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

PUBLIC SALE

February 20, 1993

Time: 9:00 A.M.

Located: Exit 10 Of I-81, Turn East On 174, Approx. 3 Miles.

FARM MACHINERY

Oliver 1650 Tractor, Oliver 88 Diesel Tractor, Oliver OC-3 Crawler Loader, M.M. 2 Row Self Propelled Corn Picker, New Idea 1 Row Corn Picker #323, Oliver #5 Mounted Picker, J.D. Semi Mount 4 Bottom Plow, Oliver 3 Bottom 14" Trail Plow, Oliver Cultivators, 300 Gal. Field Sprayer, J.D. 3 Point 3 Bottom Plow, Int. #55 7 Shank Chisel Plow, White 251 Transport Disc, Cultipacker, Oliver Grain Drill On Steel, Lely 3 Pt. Fertilizer Spreader, Oliver 540 4 Row Planter, M.F. #10 Baler w/ Thrower, New Idea Side Rake, N.H. 489 Haybine, (2) 16' Bale King Rack Wagons, Little Giant 32' Elevator, Smoker Elevator, N.H. Super 717 Harvester, N.H. #27 Blower, Gehl Silage Wagon, 7' 3 Pt. Snow Blower, Gehl Flail Chopper, Flat Wagon w/ Metal Bed, (2) N.H. 362 Tank Spreaders, (2) Gravity Wagons, Alum. Elevator, Grain Auger, 2 Wagon Load Small Items, Wood & Metal Fence Stakes.

BARN ITEMS & FEED

400 Gal. Girton Tank w/Sealed Compressor, Surge SP 22 Vacuum Pump, 3 Surge Milkers, Elec. Milk House Heater, Fogger, Badger 14' Silo Unloader, 6 Ton Butler Feed Bin, (2) Skid Feeders, Water Tanks, Mineral Feeder, Gates, Approx. 200-250 Bales Of Wheat Straw/Approx. 20 Ton Ear Corn.

(1950 Chevy Flatbed 1 1/2 Ton Truck)

Owners:

Paul A. & Jean L. Miller

735 Walnut Bottom Rd.
Shippensburg, PA 17257
532-8865

Auct. Kevin M. Wickard LC #2541-L
Phone: 243-1018
Clerks: Wickards
NOT RESPONSIBLE FOR ACCIDENTS
Lunch Stand

SAT. FEB. 27 - 11AM Wellsboro (Tiogal Co.) Penna James C. Bowen Farm Machinery Auction, Pirrung Aucts., Inc. 716-728-2520

SAT. FEB 27 - 12Noon, Land Auction. Located At The Intersection/Cloverleaf Of Rt 72 & 22 Go 1 2 Miles East On Rt. 22 And Turn Right Onto Mill Street, Go About 600 Feet - See Land On Right, Auction Signs & Arrows. Conditions By, David J. Brightbill. Nelson L. Ebersole, Auct.

SAT. FEB. 27 - 12Noon, Real Estate Located In The Village Of Walnut, Approx 6 Mi South Of Mifflintown, Just Off Rt 35, But Will Be Offered For Sale At Juniata Markets, Jct Of Rts 75 And Old 22, At The Blinking Lights, 1 Mi. North Of Port Royal, Juniata Co. Owner, Martha E. Lindenberger Long's Auction Service

SAT. FEB. 27 - 12 Noon Feeder cattle sale. Feeders should be here on Fri. Feb 26 to be weighed. Also selling 22 registered hereford cows, some with calves by sale time, Finger Lakes Livestock Exchange 3865 Rt 5 & 20 Canandaigua NY 3 miles east of Canandaigua

MON MAR. 1, Wholesale Furniture. Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa. 17557. Alan Diffenbach, Auct.

MON. MAR. 1 - 9AM, Annual Consignment Auction At Lebanon Valley Fairgrounds. Farm Equipment & Related Items. Lebanon Valley Auction Co, Inc. 717-866-2130.

MON MAR 1 - 9AM Spring Consignment Auction, farm equipment & related items. Located at the Auction Barn in American Corner, Md on Old 621 between Denton and Federalsburg, Md A Curtis Andrew Auction Inc

MON MAR. 1 - 9AM Tractors, tillage, planting & harvesting, other equip. At the Lebanon Area Fairgrounds, corner of Rocherty & Cornwall Roads, Leb., Leb. Co., Pa. from Rt. 72 South of Leb. Turn left onto Rocherty Road, or from Rt. 72 N of Quentin, turn right onto Rocherty Road to Fairgrounds on right. Lebanon Valley Auction Co., Inc. Harry Bachman, Glenn T. Wenger, aucts

MON. MAR. 1 - 10AM John Deere Farm equipment. At the Berry Farm, located 2 miles North of Elkton, Md. on Route 213. First farm on right past Ricketts Mill Road. H S. Berry & Sons, owners. Harry Rudnick & Sons, Inc. aucts.

MON. MAR. 1 - 2PM, Outstanding Commercial Property. Located 297 Care Street, Harrisburg, Pa., Lower Paxton Twp., Dauphin County. Kenneth A. Geyer, Auct.

TUE. MAR 2 - 9AM, Farm Equipment, Horses, Cows, Heifers, Shop Equipment. Located 4 Miles Northwest Of Wakefield At 1707 Cherry Hill Road, Lancaster Co., Pa Owners, Benj. F & Rebecca Esh. Abe Diffenbach, Auct

TUE. MAR. 2 - 9AM, Horse Drawn Farm Machinery, Sputnick, Seven Head Mules, Milk Equipment, Few Antiques, Household Goods, Frick Threshing Machine. Located On The Farm At 2103 Lincoln Highway East, Half Mile East Of Route 30 And 896 Junction Along Route 30. Owner, Levi E. & Barbara Stoltzfus. Steve & Steve Jr. Petersheim.

TUE. MAR. 2 - 10:30AM, 200 Head Registered & I.D. Holsteins. Located In Huntingdon Co., 1½ Miles East Of Alexandria, Pa., Off Route 305. Owners, River View Farm. Mark Glick & Dale Gibboney, Aucts.

TUE. MAR. 2- 11AM Tractors, farm, equip., Ford truck. Along Naftzingertown Rd., Berks Co. East on old Rt. 22, ½ mile E. of Shartlesville turn right onto the Shartlesville/Centerport Rd., go approx. 1 mile to second blacktop road, turn right onto Naftzingertown Rd. for approx. 1 mile, first farm left. For David M. Dissinger. Dennis F. Wagner, auct.

WED. MAR. 3 - 10AM, Gardner Farm Complete Dispersal On Former Zach Robbins Farm, 8 Tractors, 2 Combines, 6 Trucks, General Farm Machinery, Vegetable Equipment, Etc Located Clarkstown, Pa. Owner, Owen R. Gardner Fraley Auction Company.

PUBLIC AUCTION

VALUABLE MODERN FARM EQUIPMENT TRUCKS; FORKLIFT

FRIDAY, MARCH 5, 1993

At 9:30 A.M.

Just west of Allentown, from I-78 go N on Rt. 309 a total of 5.7 miles, (just past Lehigh County Community College) to traffic light, turn R onto Sand Spring Rd., for a total of 1.6 miles to corner of Coffeetown & Sand Spring Rds., Lehigh County, PA.

TRACTORS - JD 3155, 4x4 w/sound guard cab & all extras, 370 hrs; JD 2950 w/ sound guard cab, 2430 hrs; JD 4030, 3800 hrs; JD 3020 diesel w/side console; JD 2010 wf; Swartz front end loader for same w/7' bucket;

COMBINE - JD 4400 diesel w/rotary screen, bin ext, hyd. swing auger, etc., 2650 hrs.; a 213 black reel flex head & a 443 c head;

TILLAGE - Int. 3 pt. 11' chisel pl; Landall 3 pt. 10" chisel pt w/buster bar; Bush Hog 146-10' offset disc; White 549 3 pt. semi mtd. 5-16" trip pl; Oliver 565 3 pt. semi mtd 5-16" trip pl; Int. 11'-6" transport finishing disc; JD 950-12' roller harrow; 3 pt. three tooth, coil tooth hiller; Fox 11'-6" field culti; 13' single roll transport cultipacker;

PLANTING - White 5400, four 30" row c planter w/herbicide attach; Int. 5100 soybean special 16 dbl disc w/press wheels & tire mark levelers; gravity fert box w/hyd. unloading auger;

HAYING - NH 478-7' haybine; MF 7' PTO mower; Fahr 16' PTO hay tedder; Zimmerman PTO hay tedder; NI 401 rake; NH 315 hayliner baler w/thrower & preservative attach; 5-Wenger Wagon running gears w/8'x16' Horning bale side boxes; Farmec 24' c & bale elev;

MISC - Bush Hog 13' rotary cutter; Ber Vac 3 pt. 9' two auger sn blower w/fan: Mohawk 8' trl type rotary cutter; Lely 3 pt. fert. or grass seed spreader; 2- 3 pt. two r culti's; Huskie 400 gal. poly tank weed sprayer; 3 pt. 6' blade; Eager Beaver 5'x10', 4200 lb. cap trl; (1) Grove & (1) Phillips 11'x12' two wheel hyd. dump trls; Hoehm 201 port. tractor cab; JD 30 series roll guard w/roof; (3) skid fuel tanks one w/elec pump; (3) 500 lb. platform scales; (3300) 100 lb. burlap potato bags;

FORK LIFT - Clark 4000 lb. cap, bottle gas operated, up to 10½ ' lift; (2) 5000 lb. pallet jacks; (80) 4'x4' pallets;

TRUCKS - 1975 Int. 1800 Loadstar w/ newly rebuilt engine, 2 sp. rear; 33,000 lb. GVW w/Omaha 17' metal grain body, has 20 ton hoist, this truck is "Nice", "Nice" "Nice"; 1964 Int. 1800 Loadstar, 30,000 lb. GVW w/2 sp. rear & Knapie steel grain dump body; 1979 GMC ¾ ton 4x4 pickup w/Meyers 8' blade;

SHOP EQUIP., TOOLS, ETC. - Lincoln 225 amp welder; Oxy Acetylene outfit; Torpedo space heater; 100 amp battery charger; Craftsman ½ " drill press; dbl wheel bench grinder; stack on tool box; bucket air grease gun; pneumatic wrench & sockets; Ludell ½ " dr. air impact wrench; B&D elec hand saw; elec. drills; wheel pullers; ¾ " socket set; bolt cutter; clipper belt lacer; sm McCullough chn saw; lot of new bolts & nuts; (3) tractor radios; (10) hyd. cyls; lot of tow chains; Plus many other items not mentioned.

TERMS: Cash or acceptable check, out of state buyers need current bank letter of credit with your check.

Refreshments Available

Ordered by:

HAROLD & ARLENE REMALEY

P.O. Box 215 • Fogelsville PA 18051 • 215-395-6084 • License #AU001809 L

ZETTLEMOYER AUCTION

Public Auction

MACHINERY - SHOP TOOLS - FEED FURNITURE

SATURDAY, FEBRUARY 27, 1993

AT 9:00 A.M.

Located 3 Miles Southeast Of Sunbury, PA., Take Route 147, South 1 Mile, Turn Left On Brush Valley Road, 2 Miles To Cider Press Road.

FURNITURE - SOME OLD PIECES

Wells model 404 meat splitting saw, Enterprise 8 qts. sausage stuffer (complete), 2 hole kettle furnace top, Colson wheelchair, hospital bed and walker (like new), 2 high oak beds, dresser w/ mirror, painted chest of drawers, oak wash stand w/ towel bar, baby cradle, trunk, 2 buffet cupboards, modern corner cupboard, piano stool w/claw feet, misc. stands, odd chairs and many attic items. Two greenhouses, 20x70 and 20x96 ft., some misc. potting flats and pots.

FEED - EQUIPMENT - OLD ENGINE

6 round wire corn cribs, a lot of ear corn by the crib, 2 mows good mixed hay by the mow, wheat straw by the mow, 10x16 ft. vinyl sided utility shed, Hercules 5 h.p. hit and miss engine on original cart, 3 ton metal feed bin, 2 grain aerators, Clipper seed cleaner w/screens, old grain cradle, 2 chicken crates.

SAW SHARPENING AND SHOP TOOLS

Foley auto. saw set, Foley retoother, Foley model 200 auto. filer, saw grinder w/assorted grinders, circular saw set, South Bend 13 in. metal lathe w/4 jaw chuck and collet set, Sanborn heavy duty air compressor w/60 gals. tank, 30 tons hyd. press, portable air compressor, Century 295 amp. welder, metal welding table, large anvil, acetylene torch w/tanks, ½ in. drill press, 6 in. bench grinder, power band hack saw, Alemite air grease gun, Champion spark plug cleaner, B. & D. valve grinder, valve seat grinder, Shop Master 8 in. table saw, 3 h.p. motor, 1¼ ton floor jack, log chains, propane heater w/ thermostat and small heaters, kerosene shop heater, some odd wrenches, a lot of assorted bolts and parts, large scrap iron pile.

FARM MACHINERY AND TRUCK

1977 Chev. C-50 truck, (good rubber) w/12 ft. Hostetler cattle body, N.H. no. L-250 skid steer like new, Gleaner model E combine w/10 ft. platform and pickup reel, I.H. 656 dsl. w.f. tractor w/3 pt. hitch, I.H. 656 gas w.f. tractor w/fast hitch, I.H. no. 540 semi mount 4-16 in. plow w/side hill, I.H. no. 420 3-16 in. 3 pt. plow, Farmall M tractor w/P.S. and 2 row MH corn picker, Farmall M tractor w/P.S. (12 volt) and M.W. clutch, Farmall M (6 volt) tractor, Farmall H tractor, N.H. no. 355 grinder-mixer, N.H. no. 329 spreader w/top beater, N.I. no. 323 corn picker (good), Case I.H. no. 5100-7x16 double disk drill (like new), N.H. no. 276 baler w/thrower, N.H. no. 467 haybine, N.I. no. 270 cut/ditioner, Woods 6 ft. trailer rotary mower, Bush Hog 10 ft. rotary mower, N.H. 35 ft. elevator, Little Giant platform elevator, N.H. no. 56 rake, Grimm hay tedder, N.H. no. 36 flail chopper, two 16 ft. bale rack wagons w/8 ton chassis, 16 ft. flat bed wagon, 3 bin wagons, Gehl no. 750 harvester w/corn and grass heads, I.H. balance head 7 ft. mower, Century 6 row sprayer w/200 gals. tank, 425 gals. plastic fert. tank, single row transplanter w/110 gals. tank, 3 pt. plastic layer, I.H. no. 56-2 row corn planter, N.I. 3 pt. spinner spreader, Brillion 14 ft. fold up harrow, 12 ft. heavy single cultipacker, J.D. sub soiler, Ford 3 pt. cultivator, I.H. cultivator for 200 or super C, Kewanee 8 ft. blade, 2 I.H. cylinder corn shellers, one hole sheller, I.H. 10 ft. transport disk, 3 pt. post hole digger, potato digger, cement mixer, cut off woodsaw, large lawn roller, 3 h.p. power sprayer on cart, 18 ft. telescoping coal (grain) chute, 7 heavy metal 8 hole hog feeders, one round 12 hole, platform scales, 6 volt seeder, 10 ft. auger 4 in., 2 buggy wheels, etc.

FARM IS SOLD! THIS IS A CLEAN UP OF 50 YRS. FARMING, MACHINERY WELL MAINTAINED AND IN GOOD REPAIR.

ORDER OF SALE - SHOP ITEMS, HOUSEHOLD AT 10:00 A.M. W/2ND AUCTIONEER, FEED 12:30 P.M. AND MACHINERY AROUND 1:00 P.M.

Terms - CASH OR GOOD CHECK
Mark Glick - Auctioneer
AU-349-L

JOHN W. (BUD) AND MARY SNYDER
Phone 717-286-0003
Food Available

PUBLIC AUCTION

Horse Drawn Farm Machinery - 2 Carriages - 4 Head Draft Horses Sputnick - Antiques

Wednesday, February 24, 1993

9:30 A.M.

Sale held at 5559 Seldomridge Road, Lancaster County, PA, 2 miles North of White Horse. From Route 340 go North on Meetinghouse Road.

Horses - Hitches - Harness - Carriages

Pair of bay 10 year old draft horses, 2 single bay horses; 7 sets of harness; extra collars; bridles; lines; 4 and 5 horse hitches; single, double trees; 2 storm front carriages, both have hydraulic brakes, roller bearing, 1 like new, fiberglass top.

Farm Machinery

White Horse Machine 2 way plow; Oliver 2 way plow; Dunham single roll cultipacker; log field roller; New Holland 456 mower, hydraulic control; Pequea tedder; New Holland 56 rake; New Holland 273 baler with engine; 3 flat bed wagons; Zimmerman 32 ft. elevator, hydraulic motor; hydraulic unit; A.C. crimper; 8 HP Honda engine; New Idea 206 manure spreader, good condition, new '85; Brillion alfalfa seeder pacer; McDeering 2 row corn planter with Gandy boxes; McDeering corn binder with loader, good condition; Papec ensilage cutter, 3 sets of knives; 4 forecarts; McDeering 2 horse cultivator; 2 grain bin wagons; ground drive seeder; metal stable hay racks; walking plow; platform scales; 2 chain hoists; 16 milk cans; 2 hole corn shellers; sheaf forks; endless belt; double hay hook; hay knife; 2 hole corn sheller; Bender milker washer; Sputnick milk mover; cooler compressor; brooms; shovels; 72 hole stocked bolt bin; electric fencers; wooden pulleys; 3 section spring tooth harrow; 1 horse sleigh; old earthen crocks; more items not listed.

2 wagon loads of small items.

Owners:

Jacob S. & Ruth King

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
AU 001349L

Lunch By, Meetinghouse School

Petersheim Auctioneers

3rd Wednesday & Thursday
of Each Month
MONTHLY TWO DAY SALE OF FARM EQUIPMENT
at our place of business located 6 miles south of Chambersburg, PA., one mile east of Marion, just east off Rte. 81 at Marion Exit 4 along Rte. 914 on

Wednesday, February 17, 1993
8:30 A.M.

Lawn and garden tractors, chain saws, tools, pipe and usual run of hardware and misc. items.

Thursday, February 18, 1993
8:30 A.M.

Balance of misc. items, tires, posts, etc.
10:00 A.M.

Farm equipment of all types, makes and models. Some trucks and trailers. **Tractors** of various makes and models, some with loaders. Incl. Case 1490 with Case 66 Loader, I.H. 756. Skid loaders and some Ind. Equipment expected.
Farmers & Dealers: We accept consignments daily 8 AM to 5 PM. Sat 1 PM. Closed Sundays. No equipment with liens accepted unless we are notified. **Full line of new 3 pt. equipment sold daily.** Compare our prices before buying.
Terms - Cash or Good Check
All accounts to be paid days of sale!
Breakfast and lunch at sale.
Next sale March 17, 18

Marion Auction Service
(formerly Ralph W. Horst Sales)
Jerrold L. Jr. & Gloria Oaks,
Owners & Managers
License #AH-89-L
5174 Horst Rd.
Chambersburg, PA Phone: 717-375-4700
Rentzel, Wolgemuth, Bohrer,
Gossert, Harry, Auctioneers

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED. MAR. 3 - 3PM, Antiques, Household Goods, Depression Glass, Dairy Bottles, Tools. Sale To Be Held At The Corner Of Rt. 322 & Durlach Rd. (Approx. 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa. Sale For, Mr. & Mrs. Clyde Steinmetz. Horst Aucts.

PUBLIC AUCTION

FARM MACHINERY, DAIRY HERD, HEIFERS, CORN SILAGE & HAY, PRODUCE EQUIPMENT, HORSES, SHOP EQUIPMENT, PERSONAL PROPERTY, ANTIQUES

SAT., MARCH 6, 1993
Auction Time 9 A.M. SHARP

LOCATION: From Blue Ball take Rt. 322 W. approx. 1 mi. turn right onto White Oak Rd. come to Y bear left and continue on White Oak Rd. approx. 2 mi. to farm on right. Earl Township, Lancaster Co.

Terms by
HARRY M. & LENA S. BURKHOLDER
717-354-9835

Auction conducted by
Randal Kline, Lloyd Kreider
Roy Good Jr. Auctioneers AU2116-L
215-445-4309

KLINE, KREIDER, & GOOD
AUCTIONEERS

WED. MAR. 3 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc. Toys. Located At A & C Diffenbach Auction Inc., 100 W. Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. MAR. 4 - Newport, R.D. - Antiques and full line of top farm machinery. Herman & Leora Kraft. Kling's Auctions, Inc., Sale Mgrs.

THURS. MAR. 4 - 9AM, Horse Drawn Farm Machinery, Tools & Antiques. Located 370 Rothsville Rd., Ephrata, Pa. Directions: From Akron At The Traffic Light Turn West Onto West Main St., Go To Stop Sign At Rothsville Rd. Turn Left Onto Rothsville Rd. One Mile To Property On Left, Lancaster County, Pa. Auction By, Marvin S. and Miriam Martin Paul E. And Aaron E. Martin, Aucts.

THURS. MAR. 4 - 9AM, Tractors, Farm Equipment, Tools, Household Goods, Farm Related Items & Antiques. Located At 255 Hilldale Road Mt. Nebo, Penna. (Lancaster County). Directions From Lancaster-Take Rt. 272 South To Truce Rd. (Turn-Right) To Rawlinsville Crossroad-Continue Straight To Hilldale Road (At Mt. Nebo Store) Turn Right To Sale: Signs Will Be Posted. Sale By, David P. & Dorothy S. Hess. I. Paul Harnish & Larry Neuhauser, Aucts.

THURS. MAR. 4 - 9:30AM Mules, farm equipment, household goods, Case 930 diesel tractors. 1250 Penn Grant Rd., Lancaster, Pa. from the square in Strasburg - west on Rt. 741 - bear left onto Lime Valley Rd. to T - turn left and continue to Lime Valley Road to Stonehurst Farm sing, turn into driveway to 1st lane on right. By Daniel & Lydia Lapp, Harry H. Bachman, auct

THUR. MAR. 4 - 9:30AM Antiques and household, farm machinery. Located in Perry Co. From Newport, take Rt. 34 East to Montgomery Rd. (Bucks ValleY). Second blacktop to right, Acker Rd., past Smith's Farm Equip., blacktop lane to right From 322, off at Midway Exit, turn right, immediately turn left on Acker Rd. First driveway on left. Herman, Jr. and Leora Kraft, owners. Kling's Auctions, Inc.

THUR MAR. 4-10AM Farm Land & machinery auction sale. White Oke N C Close to Fayettville, N C. Lloyd Meekins & Sons Realty & Auction Co.

THURS MAR. 4 7PM Night Sale. Complete Milking Herd & Bred Heifer Dispersal. Located At Smoketown Quality Dairy Sales, Rt 340, Old Philadelphia Pike, Lancaster, Pa. Sale For, David Y & Verna Beiler. Sale Managed By Smoketown Quality Dairy Sales

PUBLIC SALE

Strasburg Fire Co. No. 1

NINETEENTH ANNUAL SALE
SATURDAY, FEBRUARY 27, 1993 - 8:30 A.M.
46 West Main Street, Strasburg, Pa.
ANTIQUES - QUILTS - FURNITURE - HOUSEHOLD GOODS - GUNS - BUILDING MATERIALS FARM MACHINERY - HAY - STRAW - TOOLS
APPROX. 40 HEAD - HORSES - MULES - DRIVING HORSES - HEIFERS

NEW FARM EQUIPMENT- ELS Liquid Manure Spreader with Rubber Shock Wheels; 8 ft. Portable Manure Pump/Hydraulic Lift; Auto Turn Carts; Spring Harrows; Crop Sprayer; Utility Trailer; Utility Shed; I & J Two Row Cultivator; Blank Tobacco Cultivator; Farm Built Wagon with Treated Boards; Black Rock Sprayer; New Holland Elevator.
KAWASAKI ENGINES: NEW HARNESS - BRIDLES - CHECKLINES.
USED FARM EQUIPMENT- Wright Speed Way 220 V Power Winch; New Holland 402 Crimper, Excellent Condition; Case 500 Diesel Tractor on Steel; Manure Spreader; Pequea Maxi-Merge Two Row Corn Planters/ Insecticide Hoppers; Sauder Manure Loader; Spring Harrows; Plows; Disc Harrows; Auto Turn Carts; 30 Horse Collars; 1, 2, 3, 4, 5, 6 Horse Hitches; Yokes.
M.B. GLICK CO. - BANKRUPTCY BUYOUTS
Large Lot Electrical Supplies; Lamps Lighting and Fixtures; Lots of Tooling for Lathes and Milling Machines; Small MIG Welder; Filing and Parts Cabinets; Pallet Racking; Shelving; Lots of Misc. Tools; Air Hoist; Electric Hoist.
MISC.- CSA Alpine Exercise Machine (almost new); Handmade Wooden Duck Decoys; Whirlpool Air Conditioner 8000 BTU; Assorted Rolls Field Fence; Small Animal Cages; Answering Machine; Hand Operated Meat Slicer; Maytag Washer; 4000 W Coleman Generator (used 80 hours), 2-120 & 2-240 V Outlets, Tripod with 2-500 W Lights; Potted Fruit Trees.
EAR CORN; HAY; STRAW; ETC.- NEW & USED BLDG. MATERIAL- TOOLS- HOUSEHOLD GOODS.
1,000' Random Width 1" Walnut Lumber; 6-12,000' White Pine Boards & Patterns; Painted Roofing; Shower Stalls; Tubs, Etc.
LAWN & GARDEN EQUIPMENT- Riding Mowers - Wheelhorse 17 HP-48" cut; Wheelhorse 10 HP-42" cut; J.C. Penney 16 HP-42" cut/Snow Blower Equip.; John Deere 10 HP-36" cut; Wheelhorse 6 HP-36" cut/ Snowblower (new engine); John Deere 6 HP; Rooper 32", TORO 5 HP-26" cut. Jacobson and Lawnboy push mowers; 30" Lawn Sweeper; Wheelhorse Snow Blade; Cub Cadet Snow Blade; Gas Engine Reel Type Mower; 36" Aerator Snow Blower (new engine); Push Mowers; Snow Blowers; Planet Jr. Garden Tractor (old).
TRUCK LOADS GROCERIES - FISH-MEATS - FRUIT - NEW TOOLS.
COINS - ANTIQUES - GUNS - ANTIQUE FURNITURE - NEW & USED FURNITURE.
Queen Dairy Milk Crates; Milk Cans; Door Stop Boxes; Milk Boxes; Many Other Quality Items will be Offered.
QUILTS: Approx. 500 Quilts incl.- Broken Star; Twisted Star; Amish Shadow; Wedding Ring; Lone Star; Country Love; Crib Quilts and many more. Including Cross Stitch; Applique; Many One Hand Quilts; Quilt Tops; Wall Hangers; Hand Crafted Items. NEW LAWN FURNITURE; LARGE ASSORT. OF WOODEN TOYS; SLEIGH BELLS.

Approximate Sale Order
8:30 AM- Small Goods
9:00 AM- Quilts
11:00 AM- Coins & Guns
11:00 AM- Hay & Straw
11:30 AM- Farm Machinery
12:00 Noon- Furniture & Antiques
1:00 PM- Lawn & Garden
2:00 PM- Horses & Mules

ITEMS SOLD ON CONSIGNMENT-DONATIONS APPRECIATED
Accepting Items Until Day of Sale. For Information or Pickup Service:
Phone 687-9028, 687-8917, 871-1770 or Fire House 687-7232.
No Pets - Tires - Hazardous Materials - Poultry Equipment.
Not Responsible For Accidents or Theft. $35.00 deposit on all Appliances.

TERMS BY: STRASBURG FIRE CO. NO. 1
No Out-of-State Checks - Not An Absolute Auction - VISA And Mastercard Accepted.
Conducted By Local And Well Known Auctioneers
Strasburg Fire Co. Reserves The Right To Reject Or Accept Any Or All Items
DELICIOUS HOMEMADE FOOD BY LADIES AUX. ALL DAY

BART TWP. FIRE CO.

29th Annual

2 ALL DAY SALES

Saturday, March 6, 1993 &
Saturday, March 20, 1993
8:30 A.M. Sharp

Located 6 miles southeast of Strasburg along Route 896 in the village of Goergetown, Lancaster County, Pennsylvania, BART, PA.

★ Saturday, March 6, 1993 ★

FARM EQUIPMENT - HORSES - MULES - HAY - STRAW - CORN

A large selection of Horse-drawn and Mechanical Driven Equipment; Case IH 8520 Baler w/23 HP Kohler engine; ELS 675 gallon liquid spreader & 8' portable pump; Summut Hill stalk chopper; Miller Repair portable pump; 36' NH elevator; 16' NH corn drag; NH 456 mower; I&J 2 & 3 row cultivators; Blank 1 row tobacco cultivator; Farm B&H Wagon; 8' & 9' log rollers; Kuhn rake with engine; Kawasaki engines; Black Rock field sprayer; Bartville aluminum corn binder loader; Little Britain spring harrow; Superior mower; Auto turn carts; Bell Mfg. spreader; Portable hyd. units; High pressure washers; good used equipment; NH 890 Harvestor w/table; locust posts; Lawn & Garden Equipment; Riding and push mowers; Chain saws; Carriages; Buggies; Spring and disk harrows; and much more not listed; Small Articles; Cousin; New Lawn Furniture; Concrete Lawn Ornaments; and many Nursery items.

LAWN FURNITURE

Picnic table sets, benches, chairs, love seats, gliders, porch swings, tea sets, lounge chairs, swing sets, gym sets, 10' gazebo, bird houses, and bird feeders.

CONCRETE LAWN ORNAMENTS

Garden seat, park bench, tree ring, bird baths, and planters.

NURSERY ITEMS

Junipers, azaleas, hollies, arborvitaes, euonymus, boxwood, white birch trees, maple trees, red oak trees, fruit trees (apple, peach, pear & cherry), peat moss, mulch, and potting soil.
AND MUCH MORE NOT LISTED

CARPENTER AND SMALL TOOLS - Saws, Hammers, Levels, Bolts, Screws, Etc.
HOUSEHOLD GOODS • ANTIQUES • NEW & USED FURNITURE & APPLIANCES QUILTS (sold in new building) • **TRUCKLOAD OF FRUIT**

SALE ORDER: Small Goods 8:30; Furniture 9:00; Quilts; Equipment 9:30; Lawn & Garden 9:30; Hay and Straw 12:00; Buggies 12:30; Livestock 1:30.

Due to limited space all items purchased must be removed within 7 days.

★ Saturday, March 20, 1993 ★

BUILDING MATERIALS SALE

Truckloads of Wood and Aluminum Siding, Windows, Doors, Bi-fold Doors, Paneling, Bath Tubs, Wash Bowls, and Lumber of all sizes.

All itesm sold on Commission Basis and should be in good condition. Sale Committee reserves the right to reject any material or items not in good condition. Many items expected not listed. Donated items appreciated.

Term by:
BART TWP. FIRE COMPANY
Phone: (717) 786-3348
P.O. Box 72 • 11 Furnace Road • Bart, PA 17503
Not An Absolute Auction - No Hucksters Allowed
Local and Well Known Auctioneers
All Appliances Subject To $20.00 Disposal Deposit
No Tires - No Poultry Equipment - No Solvents
Plenty of Good Home Made Food Served By The Ladies Auxilitary
Bus Shuttle Service For Parking - Mastercard & Visa Credit Cards Honored For Quilts Only
Fork LIft provided by Grummelli Farm Service, Quarryville, PA - Fork Lift provided by Leroy's Repair & Rental, Intercourse, PA

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. MAR 5 - 9AM, Machinery Sale Located At Belleville Livestock Market, Belleville, Pa. For Information Call Eugene Glick.

FRI. MAR 5 - 9AM, Annual Farm Equipment Consignment Auction By Messick Farm Equipment Location Route 283 Rheems Exit Raymond Miller & Jim Hershey, Aucts

FRI MAR 5, 9 30AM, David S and Martha Z. Zimmerman, RD 2, Williamsburg, Blair Co Farm Equipment, Tools And Household Goods Nevin Martin And Sons

FRI. MAR 5 - 9 30AM Valuable modern farm equipment, truck, forklift West of Allentown, from I-78 go N on Rt 309 a total of 5 7 miles (just past Lehigh Co Community College) to traffic light, turn R onto Sand Spring Rd for a total of 1 6 miles to corner of Coffeetown & Sand Spring Rds , Lehigh Co By Harold & Arlene Remaley Ralph W Zettlemoyer, Auct Co , Inc

FRI. MAR 5 - 10AM Real estate, car, antiques, furniture, glassware, masonry tools, coins & household goods At 5821 Lincoln Highway, Gap, Salisbury Twp , Lanc. Co From Rt. 41l & Rt 30 intersection of Gap, take Rt 30 East approx 2 miles, watch for signs. Estate of Eric N Swanseen, Barr Davis auct.

FRI MAR 5 & SAT MAR. 6 - 9·30AM, 2 Day Auction, 23rd Annual Consignment Sale. Located Donald Scheese Farm Cohansey-Friesburg Rd., RD #3, Box 288, Elmer, N J. 08318. Blaine Rentzel, Auct.

FRI MAR 5 - 10AM Penn Yan, (Yates Co) New York Mr. and Mrs Norman Koek Complete Dairy Farm Dispersal Pirrung Aucts., Inc. 716-728-2520.

FRI MAR 5 - 10AM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

FRI. MAR 5 - 10AM, Complete Dispersal Holstein Herd, Full Line Of Farm Machinery Located At The Farm In Lack Twp , Juniata Co , Pa , 50 Miles West Of Harrisburg From Route 322 Go South On Route 35 Approximately 20 Miles From Route 522 Go North On Route 35 Approximately 18 Miles Farm Just Off Route 35, Watch For Signs Auction Held For, Merv & Anna Ruth King Steve & Steve Jr Petersheim, Aucts

FRI MAR 5 & SAT. MAR 6 - 9 30AM 23rd Annual Consignment 2 Day Sale All tractors will be sold on Friday. Donald Scheese Farm, RD 3, Box 288, Elmer, NJ Blaine Rentzel Auct

SAT. MAR 6, Farm Equipment, Dairy Herd, Shop Tools, Household Goods. Located From Blue Ball Route 322W Approximately 1 Mile Turn Right On White Oak Road Come To Y Bare To Left On White Oak Road Approximately 2 Miles To Farm On Right. Owners, Harry And Lena Burkholder Roy Good, Randy Kline & Lloyd Kreider, Aucts.

SAT. MAR. 6 - Bill Hughes Churchville (Neart Staunton), Ownby Auction & Realty Co.

SAT. MAR. 6 - Davisdale Holstein Dispersal, Brad & Leslie Davis. Walton, NY. The Cattle Exchange.

SAT MAR 6 & SAT. MAR 20- 8 30AM Bart Twp. Fire Co 29th Annuall 2 day sale 6 Miles Southwest of Strasburg along Rt. 896 in the village of Georgetown, Lanc Co , Pa By Bart Twp. Fire Co

SAT MAR 6 - 8·30AM, Farm Equipment, Horses, Mules Hay, Straw, Corn, Carpenter Small Tools, Household Good, New & Used Furniture, Quilts, Truck Load Of Fruit. Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers

SAT. MAR. 6 - 9AM Farm machinery, tools, some horse drawn equip., misc. shop equip , butchering equip , misc. household items Jersey reg and grade dairy heifers & stock bulls by Paul & Mary Weaver, 3½ mi. northeast of Mifflinburg, Union Co Pa Earl Eash & Wayne Shively Auctioneers. 717-966-2569 - 0045 - 2434

SAT. MAR 6 - 9AM Lykens Valley Farm, Located 3 miles W. of Berrysburg, 6 miles East of Millersburg, ½ mile S. of Route 25 along Savidge Road (Watch For Auction Sign) Owner, Florence E. Dockey. Mike & George Deibert, Aucts.

SAT. MAR. 6 - 9AM Located 1 mile South of Paradise. Turn off Route 30 at Exxon Service Station on Black Horse Road. Lanc. Co., Pa Terms by John B & Evelyn Becker. Robert E. & Jeffrey R. Martin aucts. Randal Ranck apprentice.

SAT. MAR. 6 - 9AM, Snyder County Annual Spring Consignment Sale. Located In Port Trevorton, Snyder County, Pa., 9 Miles South Of Selinsgrove On Routes 11 & 15 Or 40 Miles North Of Harrisburg, At The Snyder County Produce Building. Roger A. Lauver. Fraley Auction Co.

SAT. MAR. 6 - 9:30AM, Farm Auction, Real Estate, Mules, Beef Cattle & Machinery. Located 19 Lesher Road, Newburg, Pa. Owners, Richard E. & Patricia Conrad. Kling's Auctions, Inc., Sales Mgrs.

PUBLIC AUCTION

OF VALUABLE ANTIQUES - FURNITURE - DISHES - GLASSWARE - PLANES - CLOCKS - COLLECTIBLES - COINS, ETC.

ON: SAT., FEBRUARY 20, 1993

AT 9 A.M.

At Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa. The following to be sold at absolute auction from a local estate and a Red Lion area home. Not responsible for accidents on day of auction.

TERMS: Cash or approved check.

PREVIEW SHOWING: Fri. eve. Feb. 19, 6:30 to 8 P.M. & 1 hour prior to auction.

BRIAN L. GILBERT, LIC. #2256

JACOB A. GILBERT, LIC. #336

AUCTIONEERS, TEL. 252-3591

SHORT NOTICE PUBLIC AUCTION

SURPLUS ITEMS FOR QUAKER MAID COMPLETE KITCHENS, CABINETS, MISC.

SATURDAY, FEBRUARY 20, 1993

AT 10:00 A.M.

Located along Rt. 61, 1 mile South of Leesport, Berks Co., PA. Approx.9 miles North of Reading or 6 miles South of Hamburg. Selling approx. 15 to 20 complete wood and laminate kitchens in various sizes (some sold w/reserve), assorted refrigerator cabinets, doors, drawers, wood panels, drawer slides, misc. decorative hardware.

Inspection 8:00 A.M. to 10:00 A.M. day of auction. Auction conducted in rear of factory in heated building. Be prompt. approx. 2 hour auction. Refreshments available. Terms: Cash or PA check, day of auction.

Auction For:

QUAKER MAID

Auctioneer:
Dennis F. Wagner
AU-001427-L
Phone: (215) 562-7445

PUBLIC AUCTION

Horse Drawn Farm Machinery - Sputnick
Seven Head Mules - Milk Equipment
Few Antiques - Household Goods
Frick Threshing Machine

Tuesday, March 2, 1993

9:00 A.M.

Sale held on the farm at 2103 Lincoln Highway East, half mile East of Route 30 and 896 junction along Route 30.

Mules - Harness - Hitches

Pair bay mules, 4 sorrel single mules, 1 single bay mule; 7 sets of harness; collars; bridles; single-double-triple trees; 4-5-6 horse hitches; 1 draft horse.

Milk Equipment

Milk mover, air tire, Sputnick; 3 DeLaval 50 lb. milker units; Surge vacuum pump; 3 Surge milker units; stainless steel twin tubs; gas water heater; DeLaval drain table; Bender milker washer.

Farm Machinery

2 bottom White Horse plow, new 2 years; Oliver 2 way plow; Oliver 1 bottom trailer plow; 20 discs K.B.A. disc harrow; John Deere 3 section spring tooth harrow; single cultipacker; New Holland 456 mower, hydraulic control, A.C. power unit sells separate; New Holland 404 crusher; New Idea crimper with Smucker rolls; Pequea tedder; New Holland 256 rake; 3 flat bed wagons; New Holland 276 baler with 4 cylinder engine; New Holland 30' elevator; Stoltzfus elevator; International 56 - 2 row corn planter; McDeering and John Deere 2 horse cultivators; John Deere corn binder with loader; John Deere corn binder for parts; New Idea 323 corn picker; McDeering No. 9 grass mower; **Smucker liquid manure spreader;** hydraulic unit; Briggs engines; **mechanical transplanter;** 2 Minnick tobacco presses; tobacco shears; spears; 4 forecarts; 1 with steering; 22" Frick threshing machine with baler gear box; log chains; 3 wagon loads of small items; fencers; handing chicken feeders; waterers; open carriage w/roller bearing.

Antiques - Household Goods

Double bed; single bed; meat grinder; old milk bottles; blue jars; crocks; coal stove, 4 burner gas stove; more items not listed.

Owner:

Levi E. & Barbara Stoltzfus

Auctioneer:
Steve
Steve Jr. **Petersheim:**
215-593-AUCT
AU 001349L

Homemade Food On Premises

2 - DAY FARM SALE

DAIRY HERD - 175 HEAD - Friday, March 12, 1993 - 10:30 A.M.

FARM MACHINERY - Friday, March 19, 1993 - 9:30 A.M.

Selling at 15820 Mountain Green Road, Spring Run, PA., Franklin County - Off Turnpike at Willow Hill interchange - East on 75, approximately 2 miles to Spring Run. West on 641 - at Blinker Light - approximately 200 yards, turn off. Keep right at Methodist Church on Mountain Green Road, 1 1/2 miles to Farm.

Milking Herd consists of approximately 100 milkers and 20 dry or springing cows and first calf Heifers. More than half are Registered. 20 Bred Heifers, mostly Registered - 15 Yearlings, majority Registered - 20 Registered and 17 Grade Younger Calves.

DHIA Rolling Herd average over 19,000 - 3.7 - 700 Fat. Free stall broke. Milked in tie stalls - Certified and Accredited - 30 day test - Calfhood vaccinated. 45 Cows selling with records over 20,000 lbs. - records to over 28,000. 34 sell milking with First calf - 21 sell milking with Second calf - 28 sell Fresh since January - 25 sell due March, April, May, June.

Sires of Registered Animals selling include: **Eagle - Bell - Steady - Cleitus Rotate - Count - Frosty - Promise - Chief Stewart - Star War - Valiant Ryan - Potts - Chairman - Columbus - Basic.**

Service Sires Include: **Blackstar - Fancy Paul - Belltone - Jess** and others.

Few to watch for: **Fancy Frosty** daughter, never scored, due right before sale to **Blackstar.** Made 24,700 last lactation.

86 Pt. 2 yr. old **Enhancer** granddaughter. Dam a **Bell** - Second Dam a **Mars Tony** daughter. Making good record - due in June to **Fancy Paul.**

2 Yr. old 85 Pt. **Bell Jesse** daughter, with EX udder - milking well and making a good record.

5 Yr. old **Bell** Daughter - Due July 2 to **Fancy Paul** - 3 year record over 22,000 - 4 year record 28,700.

Many good Young Grade Cows and First Calf Heifers bred to Top Bulls and several with 20,000 lb. plus records.

This is one sale the Good Dairyman does not want to miss.

Also selling at Dairy Sale: **MVE** - Semen Tank XC 34/18 with 75 units of Semen, including: 10 **Ivanhoe Star** - 1 Rotate and others. Bring your tank.

Other Dairy Items including Show Ease clipping chute, Hercules Calf Puller, Free Stall Fans, overhead fans, and miscellaneous items.

FARM MACHINERY AUCTION - FRIDAY, MARCH 19, 1993 - 9:30 A.M.

White 2-105 Tractor - Cab & Air - Good rubber Weights - Nice tractor; J.D. 2840 ROPS - 540 + 1000 PTO - Good rubber Runs good; J.D. 2440 Diesel - with J.D. 148 Loader - Sold separately and together - New tires all around Good Shape; Ford 8600 - 105 H.P. - Rebuilt PTO - Works Good; J.D. 4030 - overhauled 1 year ago - ROPS Quad Range New tires and paint - Clean tractor; J.D. #50 - Power Steering - Runs good; 1968 I.H. Dump Truck - with removable Grain sides; N.H. #308 Scavenger type spreader - Tandem axle - flotation Tires - Good shape; N.I. 3639 Tandem axle Spreader - Flotation tires - 2 beaters - Good shape; Bobcat 743B - Skid Steer Loader - Diesel 2 Buckets - 1000 Hrs.; Bobcat 631 - Diesel - 2 Buckets.

HAY EQUIPMENT

Welger Round Baler - Very good condition Heavy Duty for Hayledge and other Round Bales; Wrap Master Round Bale Wrapper - pull type; N.H. 479 Haybine; N.T. Cutditioner; Grain Hay Tedder; N.H. 256 Hay Rake; N.H. 273 Baler with thrower; 1 Pipe rack hay wagon; 4 Wooden rack Hay wagons; Smoker 32 Ft. Elevator; J.D. 350 3 Pt. Sycle Bar Mower

TILLAGE AND PLANTING

J.D. #3940 Forage Harvester with 2 Row Wide and Grass Heads - Electric controls - Auto unhooker; I.H. 800 cyclo - 4 Row Planter - dry fertilizer; 3 Custom made Dump Wagons with Auto Tailgate openers on J.D. Tandem axle - Running gears Good shape; J.D. FBB 17 Disc Drill with alfalfa seeder; J.D. F345H - 4 Bottom Hydraulic reset plow; Miller Series I offset 10 Ft. Disc - Good; Glencoe 3 Pt. 10 Ft. Chisel Plow; Dunham 12 Ft. Cultipacker; J.D. Lever Harrow; Walsh 300 Gal. Sprayer; 250 Gal. 3 Pt. Sprayer with hand gun; N.H. #8 Forage Wagon - no roof; Gravity Bin Wagon

MISCELLANEOUS

Shaver Post Driver; 25 KW Generator on Cart; 3 Pt. Hydraulic Wood Splitter; 1000 Gal. Tank on Running Gear; Box Scraper for Skid Steer; Homemade Silage Feeder Wagon; Lincoln Welder; J.D. 30 inch Rims and Tires; N.H. Crop Chopper; Tire Scraper for Skid Steer.

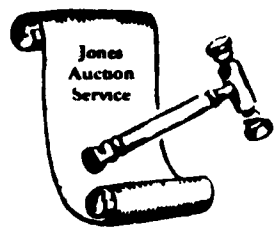
3 Wagon Loads of Miscellaneous Farm Items

Not Responsible for Accidents
Out of State Buyers must bring current Letter of Credit if not known by Owner or Auction Company
I.D. Required for Bidder Number
Lunch Stand Reserved

Owner: Robert Mumma
15820 Mountain Green Road
Spring Run, PA
Ph. 717-349-2351

Sale Managed by: Kling's Auctions, Inc.
Landisburg, PA
Ph. 717-789-3883
PA License #AU500

AUCTION SERVICE KLING'S



PUBLIC AUCTION

SAT., MARCH 20, 1993 9 AM

Located along the Klingerstown to Pillow Road, 2 mile West of Klingerstown, Pa. 5 mi. East of Pillow & Rt. 225 Jordon Twp, Northumberland County (37 mi. N.E. of Harrisburg, Pa.)

153± ACRE FARM

Approx. 82 acres of good tillable soil. 60± ac. woodland, 2½ story 4 bedroom farm house, vinyl siding, new oil h. water furnace in 1989, home in good state of repair. Bank barn with 30' W x 86' L 2 story addition. Num. other outbuildings, barn presently set up for steers. Spring - well and pond on farm.

Inspection or information Ph. (717) 286-0052. Plan to inspect this beautiful farm, arrange your financing and be prepared to bid at auction. To be offered at 12 noon.

Terms: 10% down day of auction, bal. due in 60 days, no out of state checks.

Tractors - Farm Machinery - Tools - Hay - Straw
Antiques - Household

Owner
MRS. (GEORGE R.) CORRINE D. WOLFGANG
Attorney Carpenter - Diehl - Kivko

Mark J. Jones Auctioneering Service
PH 717-286-0052 Lic. #AU1595-L
Jeff Dunkelberger Lic. #AU3043-L

LONG VIEW FARM
HOLSTEIN SALE COMPLETE DISPERSAL

On the farm located near Thurmont in Frederick Co., Md. From U.S. Rt. 15 north take Rt. 77 east to Graceham, turn right on Graceham Rd. and go 1 mile to farm on left. From Frederick, Md., take U.S. Rt. 15 north to Rt. 26 east. Go to 2nd light, turn left onto Rt. 194 to Woodsboro, then turn left onto Rt. 550 north through Creagerstown, turn right on Graceham Rd., go one mile to farm on right.

150 HOLSTEINS SELL (25 REGISTERED)
100 COWS - 50 HEIFERS OF ALL AGES

SATURDAY, FEBRUARY 27 - 10:30 A.M.

(Snow Date, Monday, March 1st)

FEB. DHIA Test Herd Average 68.7 lbs. per cow

12 cows milked 100 to 131 lbs. - 20 milked 75 to 99 lbs. 25 head just fresh - 10 close springers, many cows checked preg. for summer milk 85% Sired Identified - Bred 100% A.I.

PRODUCTION SELLING

2 head over 30,000 milk
15 head over 25,000 to 29,990 milk
25 head over 20,000 to 24,980 milk
7 head over 1000 to 1143 fat
25 head over 800 to 998 fat

THESE HIGH RECORD COWS SELL

#311	3-6	365	31,680	3.2	1028
#30	5-8	365	30,080	3.5	1062
#5	4-4	365	25,410	4.0	1040
#4	4-7	365	26,610	3.4	966
#252	5-8	365	25,500	4.5	1143
#321	5-3	365	24,480	4.1	1034
#343	4-4	365	25,810	3.7	972
#429	4-4	365	24,900	3.5	890
#407	4-8	365	24,800	3.5	864
#432	3-2	365	23,850	4.0	951
#100	3-7	365	22,070	4.1	904
#872	1-10	365	23,040	3.6	829
#15	2-1	365	22,080	3.6	808
#1225	2-1	365	23,420	3.8	881

HEIFERS SELLING

The 50 heifers selling are all home raised and from the above high record dams, majority are sired by A.I. sires. The heifers are well cared for and in excellent condition.

Sale Manager's Note: The Longs are discontinuing dairying and are dispersing the herd at this time. The herd is producing at it's highest level in the history of the herd. If you need milk at a high-level from good uddered cows, be with us on the 27th of Feb.

TESTED FOR INTERSTATE SHIPMENT-EXAMINED FOR PREGNANCY
Catalogs Available - Sale in Heated Tent

TERMS: Cash or Honorable Check Day of Auction.

Owners:
LONG VIEW FARM
Mary K. and Harold Long and family
13127 Graceham Rd., Thurmont, MD 21788
Ph: 301-271-7577

Sale Manager:
NH CATTLE CO.
Norman Hill
15905 Union Chapel Road
Woodbine, Maryland 21797
Phone: 410-489-7121

Auctioneer:
Denny Remsburg
301-473-8214

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR. 6 - 10AM, Real Estate & Restaurant Equipment. Located Along Route 124 On East Prospect/York Road In Delroy. Trustee, Lawrence V. Young. Gilbert & Gilbert, Aucts.

SAT. MAR. 6 - 10AM Farm equipment, dairy equipment, feed. For the estate of Oscar M. Gongaware & Sons, Barnes Lake Road, North Huntingdon, Pa. In Westmoreland Co. near Irwin, Pa. Get off exit 7 of Pa turnpike, go west on route 30 to first red light, make left, follow sale signs. Farm on Barnes Lake Road. Luce Auctioneers

SAT. MAR. 6 - 10AM Real estate, equipment, vehicles. Keystone Milling, Inc., 115 S. Queen St. (Rt. 97) Littlestown, Pa. Kerry A Pae, auct.

SAT. MAR. 6 - 10:30AM Real Estate auction, 11 Wilhelm Ave., Leb. Pa. By Fernwood Auction Co.

SAT. MAR. 6 - 11AM, Hansen Family Farm Machinery Auction. Located Penn Yan (Yates Co.), New York. Pirrung Auctioneers, Inc., Wayland, N.Y. 716-728-2520.

SAT. MAR. 6 - 11AM, Campbell Machinery & Dairy Herd Dispersal, 3 Tractors, Farm Machinery, 40 Holstein & Ayrshire Cattle. Located West Franklin, Pa. (Bradford Co.). Owner, Ed Campbell. Fraley Auction Company.

SAT. MAR. 6 - 1PM, 80 Acre Hog And Steer Farm. Located Off Rt. 897 1 Mile North Of Terre Hill Or 1 Mile South Of Fivepointville, East Of Goods Feed Mill, East Earl Twp., Lancaster County, Pa. Terms, Earl B. & Mary Martin. Paul W. Horst & Leroy S. Horst, Aucts.

MON. MAR. 8 - 10AM Modern farm equipment. Between New Tripoli, Rt. 309 and Lenhartsville I-78, turn S off Rt. 145 in the Village of Lynnport onto Fetheroff Rd., go .3 mi. turn L onto Allemaengle Rd. to farm, Lehigh Co., Pa. By Ralph & Bruce Dietrich. Ralph W. Zettlemoyer, Auction Co.

MON. MAR. 8 - 10AM, A Large Line Line Of Farm Machinery. Located In Huntingdon Co., 1½ Miles East Of Alexandria, Pa., Off Route 305. Owners, River View Farm. Mark Glick & Dale Gibboney, Aucts.

MON. MAR. 8 - 12Noon, Real Estate & Stone House With 2 Rental Units On 23 Acres & Stucco House & Barn On 27 Acres. Located North Of Dover, Pa. Turn Left On Harmony Grove Road, Go 1+ Miles. Watch For Signs. Seller, George H. Shaffer Estate. Rentzel's Auction Service.

TUES. MAR. 9 - General farmer equipment consignment auction at Kutztown Produce Auction, Call 215-683-7161 for more details.

TUES. MAR. 9 - 9AM Glassware & Collectables. East Berlin Fire House, East Berlin, Pa. For Mr. & Mrs. George Berkheimer. Rentzel's Auction Service.

TUES. MAR. 9 - 9AM, Farm Machinery. Located 796 Long Lane, Lancaster, Pa. Terms By, C. Lloyd & Florance K. Harnish. Kreider, Kline & Good Aucts.

TUES. MAR. 9 - 9AM Full line of farm equipment, 9 mules and driving horses, antiques and household goods. Located 1 mile NW of Conestoga Valley High School. Turn off Horseshoe Road on Willow Road 1st Farm right after Railroad tracks. Lancaster co., Pa. Terms by Isaac S. & Mariam M. Stoltzfus, Robert E. and Jeffrey R. Martin, aucts. Randal Ranck Apprentice.

TUES. MAR. 9 - 9AM, Livestock & Farm Equipment. Located 9 Miles West Of The Buck, South Of Route 372 After Crossing The Norman Wood Bridge, Turn Left Onto Second Road West Of The Bridge, (Flaharty Road). Make Right Turn Onto Slab Road. Turn Left Onto McKinley Road, Travel 200 Feet And Bear Left Onto No Outlet Road, (Sinclair Road). Sale At 152 Sinclair Road, Lower Chanceford Twp., York, Penna. Owner, David F. Fisher. Diffenbach's Aucts.

TUE. MAR. 9 - 10AM Full line of farm machinery. Take Rt. 272 app. 5 mi. S. of Lanc. Pa. turn west onto Long Lane, app. 3 miles to sale. C. Lloyd & Florence Harnish. Kreider, Kline & Good, aucts.

TUE. MAR. 9 - 10AM Tractors, trucks, uni system, skid steer, hay equip, planting, harvest. & tillage equip. Located in Cumberland Co. from Newville, take Rtoue 233 N. approx. 5 miles to 997 S. 1½ miles to farm on left. For Anna Wright. Kling's Auctions, Inc.

PUBLIC SALE

SATURDAY, FEBRUARY 20, 1993

9:00 A.M.

Located one mile Northeast of Nine Points, two miles South of Georgetown. From Route 896 first farm on left along Vintage Road, Lanc. Co., Penna.

LIVESTOCK

One pair Sorrel 4 and 5 year old mules; One pair black 6 and 7 year old mules; One smooth mouth sorrel mule Three Sorrel, smooth mouth work horses. All Well Broke and Sound.

FOURTEEN home raised Holstein Heifers
Seven Bred- Seven 3 mo. to 14 mo. old. All Vaccinated.
Five Suffolk Ewes, One Suffolk Ram.

FARM EQUIPMENT

New Holland #310 baler; New Holland 7' trailer mower; New Holland #256 Hay rake; 30' elevator with Hydraulic motor.

New Idea #323 corn picker; McD 37 Ensilage cutter; New Idea #206 manure spreader, used one year since rebuilt; McD 8' grain binder, in good condition.

White Horse 2-way Hyd plow; McD p.t.o. corn binder with loader; John Deere 999 plateless corn planter, with Gandi applicators.

Zook two row cultivator; John Deere KBA 20 disc harrow; John Deere 8' spring harrow; John Deere 12' spring harrow; New Idea crimper; New Idea transplanter; Two McD riding cultivators; John Deere riding cultivator.

Two steel wheel wagons with 16' beds; Fisher 150 gallon sprayer with 10 row booms; E-Z Flow fertilizer drill; Ontario 13 disc grain drill.

Wiard #105 Walking plow; two rubber tired manure spreader wheels for New Idea #206 spreader; tomato baskets; potato cutter; potato shovels and bags; weeder.

Wisconsin VF 4 with reduction clutch, good condition; Wisconsin 9 h.p. with reduction clutch; Three Minnich tobacco presses; tobacco shears & spears; wheelbarrow.

Farrowing crates with stainless troughs; three Smidley 16-hole hog feeders; Gestation stalls; Ten Lambert pig heaters; air compressor, Kawasaki engine.

Slanti 8 H.P. Diesel; Three DeLaval milking units; Air clippers; milk cans.

Alfalfa Hay by the ton, Ear corn by the Ton. Some Household Items and Etc.

Two gas ranges; dressers; crib; Butchering Equipment Grinder with reduction clutch; Slicer; stuffer; Crocks; jars; and many articles too numerous to mention.

Owner,
JACOB K. MILLER

Sale at 9:00 A.M.
Diffenbachs, Auct. 225L
393-4464

Good Lunch Available

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

WED MAR. 10 - 9AM, Farm Equipment. Located At Myra-Lea Farms, 8350 Brownsmill Road, Greencastle, Franklin Co. Pa. 3 Miles North Of Greencastle, On Route 11 At Crossroads Dairy Sign Turn East 2 Miles To Sale, Signs Will Be Posted Owners, Max S Myers J Robert Meyers, Auct.

WED MAR 10 - 9 30AM Horse drawn & modern farm machinery, related items & work horses. Located RR 3 Box 58, Mifflinburg, Pa. Levi N & Lydia A. Martin, owners. Bryan D. Imes, auct

WED. MAR 10 - 10AM, Farm Machinery, Corn Silage, Front End Loader, Four Tractors, New Holland Discbine, New '92 Milking System Located In Chester Co , Pa , 3 Miles South Of Cochranville At Junction Of Route 10 & Route 41 Go South On Route 10 From Route 1 Go North On Route 10 - Two Miles. On Corner Of Route 896 And Route 10 Owner, Dale Edwards Steve & Steve Jr. Petersheim

WED. MAR 10 - 10AM, Bixler Farm Dispersal Of Farm Machinery, Tractors, Etc. Located Williamsport, Pa. Owner, Donald Bixler Fraley Auction Company.

WED MAR 10 - 3PM, Antiques, Household Goods, 1990 Oldsmobile Car, Tools. Sale To Be Held At The Horst Auction Center, Located At The Corner Of Rt 322 & Durlach Rd (Approx. 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa Sale For, Mrs. Harry Buchter, Grace Krick Estate. Horst Aucts.

THURS. MAR. 11, Triple G Farms. Farm Equipment & Haylage. Located From Exit 21 PA Turnpike Take Route 272 South To Denver Reamstown Traffic Light. Turn Right Onto Church St. To Stevens Road, Turn Left To Farm On Right. Randal Kline, Lloyd Kreider & Roy Good, Aucts

THURS. MAR. 11 - 9AM Horses, dairy cattle, farm equip, Case 500 diesel tractor, dairy equip. From Quarryville, N. on Rt 222 to 1st Rd N of Hessdale - turn onto Walnut Run Road, right on deiter Road, left on Bachman Road to 2nd farm onr ight. from Strasburg, West on rt 741, bear left on Lime Valley Rd. to Bachman Rd. The auction at the former Ephriam Miller farm By Amos S. & Emma Lapp Jr Harry Bachman, auct.

THURS , MAR. 11 - 11AM Penna. Heifer Relief Sale at Mel Kolb's Sale Barn, off Rt 283 at Flory Mill Rd Exit Wilmer Kraybill, Manager 215-286-9576

THURS MAR. 11 - Amos S Lapp, Jr., Bachman Rd., Strasburg Farm Equipment, Horses, Dairy Cattle. Harry H Bachman, auct & Stonehurst Farm.

FRI MAR 12 - Consignment Machinery Sale. Located Keiters Middleburg Auction Sales, Inc., Rt 522, 3 Miles East Of Middleburg, PA, 5 Miles West Of Selinsgrove, Pa Owners, Don & Walt Keister. Bryan Imes & Ray Long, Aucts.

FRI. MAR. 12 - Pequea-Meadows Holstein Complete Dispersal, Kenneth & Jere Skiles, Narvon, Pa. The Cattle Exchange.

FRI MAR 12 - 9AM, Farm Equipment & Supplies. Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct

FRI. MAR. 12 - 9.30AM, Located in Mifflin Co., 2 miles South of McVeytown, Pa. along Route 103 South. A Good line of farm machinery and some household. Kore E. Yoder. Mark Glick, auct.

FRI. MAR 12 - 9 30AM, Modern Farm Equipment, Trucks, Skid Loader. Located Approx. 1 Mi. S. Of Trexlertown & Rt. 222, Turn S. Off Rt. 100 Onto Spring Creek Road, Toward Alburtis Approx. 1/2 Mi., Turn R At The Village Of Brookdale Onto Mertztown Rd., Toward Mertztown, 2.5 Mi. To Auction, Berks Co., Pa. Ordered By, Mrs Pauline (Arlan) Seidel Ralph W Zettlemoyer Auction Co

FRI. MAR. 12 - 10AM, Exceptional Southern Lanc. Co 175 Acre Dairy Farm, Farm Machinery, Household Goods. Located At 236 Cedar Hill Road, Take Rt. 272 South From Lancaster, This Enters 222 South, Approx. 3 Miles South Of Wakefield Turn Left On Little Britain Road, Left On Cedar Hill Rd., Fulton Twp., Lancaster County. Sale By, Robert & Betty Myers. Gary L. Shirk, Auct.

FRI. MAR. 12 - 10AM, 20 Acre Horse Farm. Located Along Myers Road In Codorus Township, York County, Pa. Owners, Bill & Susan Openshaw. Martin Heaps, Auct.

FRI. MAR 12 - 10.30AM, Complete Dairy Herd Dispersal, 175 Head. Located 15820 Mountain Green Rd., Spring Run, Pa. Owner, Robert Mumma. Kling's Auctions, Inc., Sales Mgrs.

FRI. MAR. 12 - 1PM, Valuable Real Estate. Located At R.D. #6 Red Lion, Pa. Along Manor Road. Property Is Located Off Windsor Road Only Short Distance On Manor Road In Windsor Twp. Signs Posted, York Co. Owners, Evan W. Shaw & Bradley L. & Beth Ann Shaw. Gilbert & Gilbert, Aucts.

FRI. MAR. 12 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. MAR. 13, Farm Equipment for Robert & Miriam Kauffman located at 439 Bossler Road, Elizabethtown, Lancaster Co. Long & Long Aucts.

SAT. MAR. 13 - 10 acres ridgeland w/7 room home, antiques and household items. Located along Rt. 850, 2 mi. N. of Honey Grove, Sle held at Juniata Marketes. Estate of Helena A. Fisher. Long's auction service.

Gordonville Fire Co.

Annual Spring Auction

Saturday, March 13, 1993
8:30 A.M.
Located Gordonville Fire Hall, Gordonville, Pa.

Farm Equipment, Livestock, Building Material, Household Goods, Guns, Carriages, Quilts & Antiques.

Items Will Be Consigned At The Fire Hall, March 8 Thru 12.
Quilts Only Will Be Consigned At The Gordonville Bookstore, Feb. 1 Thru Mar. 3, 7:00 To 5:00. Advertising Deadline, Feb. 20, 1993.
No Consignments Will Be Accepted On Sale Day! $50.00 Deposit Is Required With Consignment On Appliances, But $50.00 Will Be Refunded Upon Sale & Removal of the Item from the Grounds.
NO HAZARDOUS MATERIAL ALLOWED
Terms By:
THE GORDONVILLE SALE COMMITTEE
717-768-3869
Ron Funk & Local Auct.
AU 314-L

ABSOLUTE AUCTION
OF
REAL ESTATE
MONDAY, FEBRUARY 22, 1993
12:00 NOON

RD #2, BOX 512, STRICKLERSTOWN LOOP NEWMANSTOWN, PA. 17073, MILLCREEK TOWNSHIP, LEBANON COUNTY

REAL ESTATE Consists of a salvage yard property with almost 3 acres, improvements thereon being a 1½ story home, 34'x47' two story shop building and 29'x38' two bay garage. The property is further described in Deed Book 177 Page 648, Tracts #1 & #2 in the Lebanon County Recorder of deeds office being the same premises which Terrence D. Frattaroli acquired from Azel B. Fondoble September 14, 1978, Tax Map# Millcreek 24-048-880.

TERMS: $5,000 down the day of auction in cash or guaranteed funds; money order, bank treasurer check, etc. made payable unto Philip Feather, Esquire. Settlement in 30 days.

****ANNOUNCEMENTS MADE THE DAY OF THE AUCTION TAKE PRECEDENCE OVER ADVERTISED MATTER.****

DIRECTIONS: Go 1 mile west of Newmanstown on Rt. 419 and turn left onto the Kleinfeltersville Road, Go 1 block and turn left onto Stricklerstown Road, about 1 mile & turn right onto the loop, see property on left.

CONDITIONS BY:
TERRENCE D. FRATTAROLI

ATTORNEY: Philip Feather, Esquire

AUCTION CONDUCTED BY:
NELSON L. EBERSOLE, AUCTIONEER

Auction

LIC#-AU-001307-L
30 WEST MAIN STREET
ANNVILLE, PA. 17003
(717) 867-5221 OR (717) 867-4304

93S602

SEALED BID SALE

BID DEADLINE: THURSDAY, FEBRUARY 25 - 12:00 NOON

PHILADELPHIA ELECTRIC CO.
GPU NUCLEAR CORPORATION
MARCUS HOOK, PA.
(10 Miles South Of Phila. Int'l Airport)

PECO/GPU RESERVE THE RIGHT TO REJECT ANY OR ALL BIDS!

NOTICE: Philadelphia Electric Co. (PECO) and GPU Nuclear Corp. (GPU) are selling cable, electrical & mechanical supplies, an oven, hydro laser, contractors & shop equipment, office furniture, & misc. material surplus to their present needs. Everything in this sale belongs to PECO and GPU.
LOCATION: The surplus equipment and material is located at the SBS Surplus Recovery Warehouse, off Rt. 13, in Marcus Hook, PA (Exit 2 off I-95, approx. 10 miles south of the Phila. Int'l Airport).

NEW GAS FIRED HEAT CLEANING OVEN
'92 ACE 3512-RKG-FM Gas Fire Micro-Ramp Heat Cleaning Oven, s/n 13, 8'wx8'dx111"ht over cart, 1100 max. cfh, w/roll-out C/S cart. (NEW - Never Installed).

ENGINE LATHE
LODGE & SHIPLEY 30" Gear Head Engine Lathe, s/n 22681.

HYDRO LASER
'86 BUTTERWORTH 120EDT Elec. Hydro Laser, s/n 3432, 20,000 psi.

OVERHEAD CRANE, AIR TUGGERS, MANLIFTS, & RIGGING SUPPLIES
ACCO LOUDEN 4 Ton 50' Span Elec. Overhead Bridge Crane; **P&H 1 Ton** Overhead Elec. Hoist; **(2) I-R K4U** Air Tuggers, s/n 35029 & 33800; **I-R HU** Air Tugger, s/n A11756; **(2) ECOA EWP-15HE-296Z** Elec. Hyd. Platform Lifts; **MAGIC POLE 1 Ton** Gantry Crane; **(11) CM, HARRINGTON, & YALE 15 Ton-5 Ton** Chain Hoists; **(2) 250 Ton** Shackles; **CM 10 Ton** Beam Trolley; **LG QTY:** Wire Rope Slings, Cable Clamps; Turnbuckles, Shackles, Hook & Eye Bolts, & Misc. Rigging Supplies; **(3)** Elec. Cable Reelers; Man Baskets.

SHOP EQUIPMENT, & CONTRACTORS TOOLS & SUPPLIES
WELLSAW 1270 Elec. Horiz. Band Saw; **EVERETT 20C22 22"** Elec. Cut-Off Saw, s/n 4960; **EVERETT 10"** Elec. Cut-Off Saw; **MILWAUKEE 6.5KV** Gas Generator; **ELGEE 534-2P** Vacuum Sweeper; **VACU BLAST MK2P** Sand Blaster; Pipe Threaders; **GREENLEE & ENERPAC** Bending Frames; **(2) DEARMAN 14"** Pipe Clamps; **(12)** Gang Boxes; **SHEPARD THOMASON 75** Brakeshoe Press; **(42)** CO2 Fire Extinguishers; **(2100 pr) ANSELL** Rubber Gloves; **(660 pr) TOTES** Yellow Rubbers; **(810) 3M** Respirators; **LG QTY:** Hot Sticks & Lineman's Tools; **LG QTY: CORBIN & BEST** Door Locks; **(4,000#)** Sandblasting Abrasive; **(200 sq. ft.)** Quarry Floor Tile; **(3) LOUISVILLE** 6' & 10' Fiberglass Step Ladders; Misc. Hand Tools; **B&D 758** Core Drill; 7'x4'x7' Guard Shack; **(150)** 5-gal. Buckets; **(1350)** Plastic Bins; Shop Tables; Silicone Foam; Extension Cords; Droplights; Misc. Filters & Insulation.

AIR COMPRESSOR, HEAT EXCHANGER, & PUMPS
JOY Size 11-1/4 - 7x7 Elec. Air Compr., s/n WN112-L-593; **(6) WORTHINGTON** Size 12-1/2x9VB Air Comprs.; **(4) PALL** Air Dryers; **(3)** Silicones; **(30) GAST** 1/4 hp Air Comprs. (Parts); **MODINE AB123** Port. Heat Exchanger; **(2) HOMELITE** 3" Gas Pwrd Pumps; **WILDEN** 2" S/S Pneu. Pump; **(3)** 2" Sandpiper Pumps; **(3 plts)** Discharge Hose; **(2) OTC 55** Elec. Hyd. Power Pumps; **(4 plts)** 1"-1-1/2" Hyd. Hose; S/S Hyd. Reservior w/pump.

PALLET RACKS, CONVEYOR, GRANULATOR, & DISINTEGRATOR
OVER 55: 36"wx8'-20' Pallet Rack Uprights; **(330)** 9'-4'6" Pallet Rack Beams; **(55)** Waterfall Decking; **RAPISTAN 28"x24'** Elec. Roller Conveyor; **'81 MITTS & MERRILL** 14x20 Granulator, s/n GM-81713; **ELECTRO ARC 28** Metal Disintegrator, s/n C734.

WELDING ROD, WELDERS, & TEST EQUIPMENT
OVER 550#: S/S & C/S Welding Rod; **(6) NEOWELD 500amp-1000amp** Elec. Power Supplies; **LG QTY:** Heat Stress Equip. & Supplies; **COSA** Weight Tester; **(6)** Breathalyzers; Tong Testers; Radiation Detectors; **LG QTY:** Chart Recorders, Flowmeters, Gauges, & Misc. Test Equip.; **OVER 30,000';** CU Power & Control Cable; **LG QTY:** Electrical Fittings & Supplies; **(900) DURCO** 1/2"-8" C/I Diaphragm Valves; **LG QTY:** S/S, C/S, C/U, & Brass Pipe Valves, Fittings; Tube Fittings, Nuts & Bolts; Structural Steel; C/S & S/S Plate; Phone Systems; Copy Paper; Computers; Copiers; **HUGE QTY:** Office Furniture & Supplies.
NOTE: More Equipment & Material Being Added Daily.
TERMS: Complete Payment in Cash or Guaranteed Funds Only.

SEALED BID SERVICES, INC.
1044 Bethlehem Pike
Montgomeryville, Pa 18936
215-542-7787

INSP: Mon. thru Wed., Feb. 22 thru 24, from 8:00 a.m.-5:00 p.m., & Thurs., Feb. 25, from 8:00 a.m.-12:00 Noon. Bid packages are available during inspection days only.
ALL QUANTITIES AND FOOTAGES ARE APPROXIMATE. BUYERS SHOULD INSPECT MATERIAL PRIOR TO BIDDING TO ENSURE ACCURACY.
SITE PHONE: (215) 435-9856 (As of Feb. 2nd)

PUBLIC AUCTION
20 ACRE HORSE FARM
FRIDAY, MARCH 12, 1993
10:00 AM

Located along Myers Road in Codorus Township, York County, PA.

If you are interested in a horse farm where you can professionally care for horses this is it. A 5 year old 60'x100' Bonanza building is fully equipped with water, telephone and Mercury Vapor lighting. This indoor training facility sits adjacent to a 16 stall barn that also has utilities as well as tack room and hay storage. The stream fed pasture has 4 board fencing as well as wind shelters. There is a 30'x80' shop, insulated with utlities, office room and it has a separate 200 amp electric service. (Fantastic workshop) hundreds of additional under roof storage.

After the work is finished relax in the cozy country home of wood & fieldstone. The home is very well kept less than 10 years old. There is a wood stove for cold winter nights and a porch for hot summer nights. Here is an affordable opportunity for someone. Come take a look. For appointment call owners or auctioneer.

Terms: 10% down day of auction, balance in 45 days.

BILL & SUSAN OPENSHAW
Owners
Glen Rock, PA 235-5784
Martin Heaps - Auctioneer
Fawn Grove, PA 382-4725
#AU-002762-L

PUBLIC AUCTION
VALUABLE 38 m/l ACRE FARM
MACHINERY - HOUSE GOODS - COINS
SAT., MAR. 20, 1993
Sale Time 9:30 a.m.
Real Estate 1 p.m.

Loc: From Lancaster, Pa. take Rt. 272 So. app. 10 mi., turn West onto Truce Rd., cross over Rawlinsville Rd. onto Martic Heights Rd. cross over Hilldale, turn left on Creamery Rd. 1st farm left. Martic Twp.

Lrg. frame 2½ story, 4 bdrm, bath, lrg. kit, dining rm, lrg. living rm, tv rm, attached summer house converted to a garage. Lrg. frame barn, ideal for cattle or horses. 5 acres woodland, 5 acres pasture w/stream, 26 acres tillable, balance around the bldgs. Zoned residential & agricultural.

Terms: 10% down, balance upon settlement. Open House: Sats., Feb. 20, 27, Mar. 6 from 1 to 4 PM.

Terms by
CHARLES WALTER, JR.
Estate
Claude V. Walter, Executor
Larry C. Walter, Executor
Warren E. Walter, Executor

Kreider, Kline & Good Aucts. #513L
717-786-3394

KREIDER, KLINE & GOOD
AUCTIONEERS

TWO DAY PUBLIC AUCTION
OF ANTIQUE TRACTORS, ENGINES, NEW USED AND ABUSED FARM EQUIPMENT
THURSDAY, FEBRUARY 25 AND FRIDAY, FEBRUARY 26, 1993
Auction both days at 8:30 a.m.

Located ten miles east of Lancaster, 2½ miles west of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd., Lancaster County, PA.

The following to be sold Thur., Feb. 25 —

TRACTORS:
A.C. XT 190 D, I.H.C. 806 D, 46 G, A, 560 G, 560 D, M.F. 180 D, A.C. - WD 45 w/Loader, W - 400 I.H. w/ Loader & Backhoe, Hough Loader w/Farmall C Engine, A.C. - D 19 G, Case 930, & Others.

USED EQUIP.:
Pequea Manure Spreader w/End Gate, I H - C. & J.D. PTO & G.D. Corn Binders, 323 N.I. Cornpickers, N.H. Hay Balers, N.H - 55, 56 & 526 Rakes, N.H. 401, 402 & 404 Hay Crushers, N.H. 455 & 456 Mowers, I H & J.D. 2 Way Plows, Oliver Trailer Plows, Chisel Plow, N.I. Manure Spreaders, Grimn & Nicholson Hay Tedders, I.H. & J D. Ground Driven Mowers, #9 McCormick & Papec Silage Cutters, J.D. & I.H. Disc Harrows, J D 999 & 1240 Cornplanters, Cultipackers, N.I. 751 & 752 Hay Crushers, M.I. Hay Loader, Frick 22x36 & 28x47 Threshers, J.D. & I.H.C. Cult. Spring Harrows, Rosentahl Husker Shredder, Potato Digger, N.I. & Mechanical Transplanters, Brady Stalk Choppers

NEW EQUIPMENT:
Be on time, Farm Equipment at 9:30 A.M.

N I. 323 Cornpicker, 8' Brillion Packer Seeder, Farm Bilt 6 Ton Wagon Gear, Also some w/16' Treated Lumber Bed, Pioneer Fore Carts, L/B Spring Harrows, Roller Harrows, E.L.S 800 Gal. Spreader w/Shock Wheels, E L.S. New Style Manure Pump w/Hyd Lift, Kuhn Rake w/Engine, 1 Row Blank Tobacco Cultivator, New Spring Wagon Body, 20 Blade Disc Harrow, Bartville Aluminum Corn Binder Loader; Millers Repair Liquid Manure Pump

MISCELLANEOUS:
5 H.P. Air Compressor w/3 H.P. like new, Drill Press, Hyd. Platform Lift, (2) Logan & (4) South Bend Lathe w/9¼ x23" Center, Beverly Shear, Hossfield Angle Iron Bending Dies, Cement Mixer, Air Compressor, 1 Ton Chain Hoist, I.H.C. Plow Parts, Hermance 8x24 Four Sided Planer.

The following to be sold Friday, Feb. 26, at 8:30 A.M.

STEAM ENGINE:
1929, 9½ x11 Farqhuar Portable Saw Mill Steam Engine, Steam Engine Kerosene Lamp, 6x12 Brass Chime Steam Whistle, & Others.

ANTIQUE TRACTORS:
Rumely 30-60 S, 30-50 Y, 25-45 R, 25-40 X, 20-40 G, 16-30 H, 15-25 L, 20 - 30 W, & Rumely 6, McCormick Deering 10-20, Farmall F-30, I.H. W-6, J D.-A Hand Start, H, D, 430 W, all recondition & painted, J.D. Diesel Standard 820, Silver King 4 Wheel, 1948 Huber Maintainer, Huber B, Oliver 440, Worthington Tractor, International 10-20 Titan.

GAS ENGINES:
5 H.P. Witte on Truck, 4 H.P. Cushman on Truck, 1½ Gilson Air Cooled, New Way Air Cooled, 3 to 5 H P. McCormick w/Clutch, Stover 2 Cyl., McCormick 3 H.P. w/Wood Saw, Witte 2 H.P., Centaur Garden Tractor w/ New Way Engine, last yr. we had 40 to 50 Engines

MISCELLANEOUS:
Lane Shingle Mill w/Power Unit Bundler & Bander, J.D. Lorla Plow, J.D. Tractor Plow, York Grader, J.D. #5 Mower, 28" Oliver Red River Special Thresher, Horse Powered Hay Baler, N.H. SP 166 Self-propelled Hay Baler, Horse Powered Grinder, Hog Oilers, Deering Grain Binder, Sheave Carrier, 2X Cockshutt Walking Plows, plus various other models, 25 lb. Power Hammer for Blacksmith Shop, Forge, Milwaukee Grain Reaper, Gas Pumps, J.D Walking Plow, Go Devil, 1 & 2 Hole Corn Shellers.

Seats will be sold at 9:00 A.M. Frl., Feb. 26, 1993

CAST-IRON SEATS:
Will list by John Friedly Jr. Vol. IV Books Numbers 53, 56, 57, 60, 85, 135, 211, 226, 346; 361, 364, 265, 369, 389, 391, 428, 487, 508, 567, 568, 426, 626, 268, 629, 795, 801, 830, 8, 491, 139, will have 6 Seats that are not listed in book plus many more.

PARTS AND LITERATURE:
Old Tractor Parts, Oilers, Mags, Lots of Old Tractor, Engines & Machinery Catalogs.
Robert Lefever the fender man will be here.
Kinsinger w/I.H. parts will be here.
This is only a partial listing.

Terms by
ELIAS S. BEILER
601 Musser School Rd. Phone: 717/656-9733

For motel reservations call (717) 355-9900 or (717) 656-2091
Auctioneers: Robert E. & Jeffrey R. Martin AU00580L
Blaine Rentzel, Bob & Dennis Wolgemuth. Randy Ranck, Ed Goodrich, Jr., Gerald Hoover
Food by the Bareville Aux. — Cash or Good Checks — Closed Sundays.

Public Auction Register
Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR. 13, Charles Benner and Ken Boyer will offer at public sale full line of modern farm equipment Located East of Mt Pleasant Mills Pa. Along Rt 35 (Snyder Co) Ken E. Smith, auct.

SAT. MAR. 13, Jack A. Leiffer Gloucester (North of Williamsburg) Ownby Auction & Realty Co.

SAT. MAR 13 - 8AM Construction equip., dump truck, Peterbilt tractor, wrecker, rollback, auto, lots of truck parts & tires, tools & shop equip., several guns, for Knouse Construction, 717-524-7096. Earl Eash & Wayne Shively Aucts. 717-966-2569 or 717-966-0045.

SAT. MAR. 13 - 8:30AM, Gordonville Fire Co. 25th Annual Spring Sale. Farm Equip., Livestock, Building Material, Household Goods, Guns, Carriages, Quilts & Antiques. Located Gordonville Fire Hall, Gordonville, Pa. Terms By The Gordonville Sales Committee. Ron Funk & Local Aucts.

SAT. MAR. 13 - 9AM, Annual Spring Machinery Consignment Auction. Located 3 Miles East Of Muncy, Pa., Along Kepner Hill Road. Fraley Auction Company.

SAT MAR. 13 - 9AM Brick rancher, real estate, antiques & household goods. Located at 396 West Newport Rd. (Between Elm & Lititz), Penn Twp., Lanc Co , Pa. By Samuel E. & Elva H Martin. Horst aucts

SAT. MAR. 13 - 9AM 22 acre farm w/farm equip , household goods and guns. Located between Manheim and Mastersonville ½ Mile off Colebrook Road at 1940 Sunnyside Road, Ralpho Twp , Lanc Co., Pa Sale for Mabel Hoffer, Curtis Shenk, auct

SAT. MAR. 13 - 9AM, 4 Tractors, 2 Farm Trucks, Shivvers Grain Dryer, GSI Grain Bins, Modern Farm Equip , Shop Equip., 1976 22 Ft. Rookwood Motor Home. Located On The Corner Of Heffner Rd. And Heidelberg Rd., Brownsville, Berks Co., Pa. Traveling On the Road To Nowhere Or Van Reed Rd. Turn Onto State Hill Rd. (2 Miles N. Of Sinking Springs) At The A PLUS Mini Market, Travel For 2 Miles, Make A Left Onto Brownsville Rd., Proceed 2½ Miles To Brownsville, Turn Left At The Old Hotel Onto Heffner Rd., Proceed 1/4 Mile To Auction On Right. Auction For, Harold G. Heck. Dennis F. Wagner & Tracy L. Wagner, Aucts.

SAT. MAR. 13 - 9AM, Farm Equipment, Household Goods & Antiques Located Along Farmersville Rd., East End Of Farmersville, 3 Mi. East Of Brownstown Or 3 Mi. West Of Hinkletown. Terms By, Paul H. & Esther Weaver. Paul W Horst & Leroy S. Horst.

SAT. MAR. 13 - 9AM Farm & Dairy equip , truck & tools 439 Bossler Road, Elizabethtown, Lanc Co Pa. For Robert & Miriam Kauffman. Long & Long, aucts

SAT. MAR. 13 - 9 30AM, Farm Equipment, Household Goods, Antiques Located Along E Farmersville Rd., East End Of Farmersville, West Earl Township. Terms By, Paul H. Weaver. Paul W Horst, Auct.

SAT. MAR. 13 - 9 30AM, Modern Farm Machinery In Centre Co. At Jacksonville, Pa. Owner, Mrs June Bartley, Auct Ron Gilligan, AU339-L

SAT. MAR. 13 - 9:30AM, Farm Machinery, Milk & Barn Equipment. Located 5 Miles North Of Carlisle, 1 Mile South Of New Kingston, Off Route 11. Turn On Kost Road At Red Light, Carlisle Plaza Truck Stop. Watch For Sale Signs. Owner, Mary E Deitch Sale Managed By, Kling's Auctions, Inc

SAT. MAR. 13 - 10AM, Antiques & Household Goods. Located Take Rt. 322 East Of Blue Ball App 7 Mi. To Honey Brook, Turn Left On Suplee Rd. To Pleasant View Rd. Turn, Left To Second Place Right. Terms By, Lydia Fisher Kreider, Kline & Good Aucts.

FARM MACHINERY AUCTION
Saturday, February 27, 1993 - 9:30 A.M.

Located in Perry County - 2 miles East of Landisburg, off Route 74, turn onto Pine Hill Rd. and go 1.6 miles to Auction, or 10 miles North of Carlisle, on Route 74, turn right onto Pine Hill Rd. and go 1.2 miles to Auction. Watch for Auction signs.

TRACTORS
J.D. 4020 Diesel W.F. Power Shift - Dual Outlets
J.D. 3010 Diesel with 3020 Kit - ROPS Canopy
J.D. 2030 Diesel Utility W.F.
J.D. 40 with 3 Pt. - Runs good

HAY EQUIPMENT
N.H. 315 Baler with Thrower (Good condition); N.H. 489 Haybine; N.H. 256 Rake; N.I. 3 Pt. Sickle Bar Mower; 1 Pipe Rack Hay Wagon with 8T Gear; 3 Wooden Rack Hay Wagons; 36 Ft. Little Giant Elevator; 26 Ft. Bale Elevator; 2 Spike Round Bale Movers

TILLAGE AND PLANTING
2 Oliver 3 Pt. 3-16" Cushion Trip Plow; I.H. 3 Disc Plow; Rinio 12 Ft. Disc (like new); J.D. - KBA 8 Ft. Disc; J.D. 3 Section Harrow; Brillion 8 Ft. Cultipacker; N.H. #782 Harvester - 2 Row Wide and Grass Heads - Electric Controls; N.H. #8 Forage Wagon - No roof; Gehl Blower; N.H. #600 Forage Wagon; Badger Forage Wagon; 2 - J.D. 237 Corn Pickers - one for parts; J.D. 1240 4 Row Corn Planter; Oliver 16 Disc Drill; Walsh 200 Gal. Sprayer; 3 Pt. Grass Seeder; J.D. Cultivator Fit JD 40; 2 Gravity Bin Wagons

MISCELLANEOUS
N.H. 520 Spreader with Tail Gate; Surge 25 KW Generator on Cart; Danuser 3 Pt. Post Hole Digger; Souders Loader & Snow Blade; 7 Ft. 3 Pt. Scraper Blade; 2 Old Running Gears; 8 Clay Comfort Stalls; 250 Gal. Fuel Tank; 3 Round Bale Feeders; N.H. #38 Flail Chopper; 3 Pt. Lift; Transfer Pump; Tractor Chains; Feed Scales; Water Troughs; Hog Troughs; Gates; 2 Feed Carts - Bag Wagon; 2 Reduction Gears

CORN - HAY - STRAW
Approx. 50T New Ear Corn; Approx. 20 Round Bales 1st Cutting (Mixed); 1 Small Mow Straw; Approx. 25 Round Bales 1st Cutting (Mixed) Kept inside; 2 Large Mow 1st Cutting Square Bales

2 Wagon Loads of Miscellaneous Farm Items
Small amount Household, Milkcans, Styards, Sausage Stuffer, Butcher Kettle, Enterprise Meat Grinder, Meat Bench.

Sale Order: Household - Wagon Loads - Machinery 12:00 Noon - Corn, Hay, Straw Last.
Not Responsible for Accidents
Out of State Buyers Must Bring Current Letter of Credit if not known by Owner or Auction Co.
I.D. Required for Bidders No.
Lunch Stand Reserved

Owners: R. JACK AND PEG CROZIER
R.D. 1, Box 608, Landisburg, PA
Ph. 717-789-3257
Sale Managed By: Kling's Auctioneers
Landisburg, PA
Ph. 717-789-3616
PA License #AU 1994

KLING'S AUCTION SERVICE

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR. 13 - 10AM Farm Machinery Dispersal, 3 tractors, etc. at Fraley's Consignment Sale. Owners Dwight and Cathy Dauberman.

SAT. MAR. 13 - 10:30AM, Equipment Auction. Located (Between Manassas & Culpeper), Catlett, Va. Coleman Sales Inc.

SAT MAR. 13 - 11AM, 5 Acre Farmette. Located Along Cambridge Rd., Salisbury Twp, Lancaster Co. From Rt. 322 Between Honey Brook & Blue Ball, Take Churchtown Rd. S. To Cambridge Rd. S. Or Take Cambridge Rd N. Off Rt. 340 At White Horse. Terms By, Amos K. & Naomi S. Beiler. Horning Farm Agency, Inc.

SAT. MAR. 13 - 11AM, 2 Wooded Lots (Near State Game Lands), Lancaster-Lebanon Co. Located At Seglock & Laurel Road Intersection, Elizabeth Township, Lancaster Co. & Heidelberg Township, Lebanon Co., Pa. (Directions: Rt. 501 North Of Brickerville, East Onto Fox Road At Spring Lake Park, Right Onto Seglock Rd., Properties On Left. Terms By, Edward & Louise Shuey. Horst Aucts.

SAT. MAR. 13 - 11AM, Dauberman Farm Machinery Dispersal, 3 Tractors, Wagons, Farm Machinery, Etc. Located At Fraley's Spring Auction. Owners, Dwight (Butch) & Cathy Dauberman. Fraley Auction Company.

SAT. MAR. 13 - 11AM Juniata Co. Sportsman's Dream Along Rt. 850, 2 mi. N. of Honey Grove. Fred and Helen Robinson, owners. Long's Auction Service.

TUES. MAR. 16 - 11AM, Clover Leaf Registered Holstein Herd Dispersal. Located At The Farm In Kent Co., Md., 8 Miles North Of Chestertown, 8 Miles South Of Galina. Follow Route 213 To Kennedyville. Go East At Post Office, Second Farm Right Auction Held For, John Z. & Naomi Stoltzfus. Steve & Steve Jr. Petersheim, Aucts.

WED. MAR. 17 & THURS. MAR 18, Large 2 Day Sale Of Farm Equip., Etc. Located At Our Sales Lot, 6 Miles South Of Chambersburg, Pa, 1 Mile East Of Marion, Just East Off Rte 81 Along Rte. 914 Owners, Jerrold And Gloria Oaks. Martion Auction Service, 5174 Horst Rd., Chambersburg, Pa 17201

WED MAR. 17 - Cattle Exchange Show/Sale, Delhi, NY. The Cattle Exchange.

WED. MAR. 17, Farm & Woodworking Equipment, Grain & Household Goods. Located On West Side Of New Holland Turn Off Rt. 23 At Goods Furniture Store On South Shirk Rd., ½ Mile To Sale, Lanc. Co., Pa. Terms By, Aaron & Anna Mary Nolt. Robert E. & Jeffrey R. Martin, Aucts.

WED. MAR. 17 - 9AM Farm equip., livestock, household goods and woodworking tools. Located on the West Side of New Holland turn off Route 23 at Goods Furniture Store on South Shirk Road ½ Mile to sale. Terms by Aaron S. and Anna Mary Nolt. Robert E. and Jeffrey R. Martin, Randal Ranck apprentice.

WED. MAR. 17 -10AM, Erdley's Machinery Reduction Dispersal. Located At Glenn & Mike Erdley's Farm, Lewisburg, Pa. Fraley Auction Company.

FRI. MAR. 19 - 11AM Tractors, wire corn cribs, farm equip., Located 1½ mi. E. of Rt. 100 midway between Boyertown & Pottstown, New Hanover Twp., Montgomery Co., Pa. travel Rt. 100 2½ mi. S of Boyertown, turn E onto Moyer Rd., continue 1½ mi. for farm at 317 Moyer Rd., Pottstown, corner of Moyer & Specth Rds. Paul's Farm, David L. Specht, owners. Ralph W. Zettlemoyer, Co. Inc.

FARM EQUIPMENT AUCTION WINAMAC, INDIANA

SCHRADER

FRI. MORN., FEBRUARY 19, 1993
at 10:30 (Fast Time)
LOCATED: **4 Miles west of U.S. 35 at WINAMAC, IN on State Road 14.**

(8) TRACTORS ** (2) CASE-IH 900 RAWSON ZONE TILL DRY PLANTERS NURSE WAGON ** 30' CASE-IH FF HOE ** TILLAGE TOOLS ** SPRAY EQUIPMENT IH 983 CORN HEAD ** (2) MM 1200 SHELLS ** J&M GRAIN CART ** GRAIN CLEANER (4) GRAIN AUGERS ** GRINDER MIXER ** HAY EQUIPMENT ** MOWERS ** SPREADER PAN ** SHOP TOOLS ** UHP RADIOS ** TRAILERS ** SEMI TRACTOR (5) GRAIN TRUCKS ** PICKUPS

1988 Case-IH 7130 FWA Magnum tractor w/18.4R42 rear tires & hub duals, 16.9R28 front tires, cab, air, & 2,015 hours * **8x30" Case-IH 900 planter** w/Rawson zone till, dry fertilizer, U-M quick fill plastic cross auger, insecticide, John Blue ground drive pump for 28% nitrogen, rear hitch for nurse wagon & monitor * **1200 gallon aluminum** nurse tank w/ E-Z Trail 1580 gear & 16.5Lx16.1 tires * **8x30" Case-IH 900 planter** w/Rawson zone till, dry fertilizer, U-M quick fill plastic cross auger, insecticide & monitor * **30' Case-IH 181** hydraulic flat fold rotary hoe * **(2) 8x30" Hiniker** cultivators w/new style gray shanks * **new Hiniker fertilizer** & ridge attachments for new style shanks * **1984, 8x30" IH 983** corn head (rebuilt last year) * **head** carrier wagon * **(2) MM 1200** corn shellers w/drags * **J & M 750 bushel grain** cart w/30.5L-32 tires, fold down auger, & light kit * **DMC Hi-Cap 54** counter rotating grain cleaner w/10" fill auger & cleanings auger * **Burrows Model 700** computerized, digital moisture tester * **70'x10' Brandt** hyd. raise PTO grain auger w/hyd. drive swing out dump auger * **60'x8" Brandt** hyd. raise PTO grain auger w/hyd. drive swing out dump auger * **Case-IH 3309,** 7 disc, 9'3" cut, mower conditioner * **Kuhn 3 pt.** double basket, PTO rake or tedder * **Class Rollant 44s** round baler w/net or twine wrap * **NH 282** PTO wire tie baler * **30' bale-o-vator** w/electric motor * **50' Kewanee 600** hyd. raise, PTO elevator * **JD 200** stacker * **1960 Fruehauf 5500 gal.** SS tank trailer, w/ baffles * **Fruehauf 28'** tandem axle aluminum dump trailer * **1981 Wilson 40' aluminum** grain trailer w/roll tarp & 24.5 bud wheels * **1987 Peterbilt CO semi tractor** w/air ride, PS, AC, 9 speed overdrive transmission, 3406B Cat. air to air motor, PTO, & bud wheels * **1975 GMC 9500 twin screw** grain truck w/Det. diesel, 13 spd, PS, 16' bed & hoist.

CALL FOR A DETAILED SALE BILL

OWNER: TOM MURRAY
219-946-4126

SCHRADER REAL ESTATE & AUCTION COMPANY, INC.
209 W. Van Buren, Columbia City, IN 46725
219-244-7606 or 1-800-451-2709

REAL ESTATE AUCTION

330 Winding Lane, Carlisle, PA

SAT., MARCH 6

At 2:00 P.M.

Contemporary home in a private wooded setting with gardens, pathways & sun deck. This 3 BR plus 2 baths offers mahogany cabinets & doors, cyprus walls, flagstone floors in kitchen & foyer, a limestone fireplace and much more. A little T.L.C. & this could be your dream come true. Don't miss this opportunity.

TERMS: 10% down; settlement 60 days.

DIRECTIONS: Rt. 81 to Rt. 11 thru Carlisle Square to West on High. Left on Mooreland. Home on rt. Watch for signs.

Auction by:

COLDWELL BANKER

COLDWELL BANKER MGM REALTY AUCTION CO.
AY531L 717-761-7900
Auctioneer: Jim McClellan AU2831-L
717-933-4201
Call to see or with questions

SNYDER COUNTY'S ANNUAL SPRING CONSIGNMENT SALE

Saturday, March 6, 1993
9:00 A.M.

Located In Port Trevorton, Snyder County, PA 9 miles South of Selinsgrove on Routes 11 & 15 or 40 miles North of Harrisburg, at the Snyder County Produce Building.

MODERN AND HORSE DRAWN FARM MACHINERY
Buggies • Quilts • Crafts

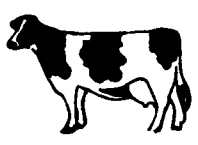
BRING A LOAD • BUY A LOAD
SEND QUILTS AND CRAFTS TO:
Country Health Shop
R.D. #1, Box 527,
Port Trevorton, PA 17864
• REASONABLE COMMISSION RATES •

Terms made by
SNYDER COUNTY PRODUCE
(717) 374-0284 or (717) 374-3793
Terms: Cash or Good PA Check.
Quilts and Crafts will be on display Friday, March 5

FRALEY AUCTION CO.
AU-001194-L
R.D. #4, Box 328
Muncy, PA 17756
(717) 546-6907

ROGER A. LAUVER
AU-002634-L
R.D. #3, Box 196-C
Selinsgrove, PA 17870
(717) 374-3793

Owners and Auctioneers
Not Responsible for Accidents



PUBLIC AUCTION

Complete Dispersal Holstein Herd
Full Line Of Farm Machinery

Auction Held For Merv & Anna Ruth King
Forty Five Head Hi-Grade Holsteins - 7120 Case Int. Tractor - M.F. 399 Tractor - M.F. 850 Combine - Gehl 3610 Skid Loader - Sunflower 4211 Chisel Plow

(A Few Small Items - Machinery 10:00 A.M. - Cattle 12:30 P.M.)
Friday, March 5, 1993 - 10:00 A.M.

Auction held at the farm in Lack Twp., Juniata Co., PA, 50 miles West of Harrisburg. From Route 322 go South on Route 35 approximately 20 miles. From Route 522 go North on Route 35 approximately 18 miles. Farm just off Route 35, watch for signs.

45 Head **HOLSTEIN HERD - 12:30 P.M.** **45 Head**

45 milk cows, 27 head milking as 2-3 year old, 22 head fresh and due January thru April. Present R.H.A. 19,700 milk, 3.8 fat. 1991 R.H.A. over 20,000 milk. Cattle sired by and bred to Reg. Bulls. Production peak in 92 - 73 lb. per cow average. 30 day charts, mostly vaccinated. Heifer calves sell, registered bull sells out of 30,000 lb. dam.

Two Diesel Tractors - Combine - Skid Loader

Case International 7120 Magnum four wheel drive, dual P.T.O., triple hyd. outlets, 18 speed power shift, 95 gallon fuel tank, new June '91, 730 hours, radial 20-8R-38 rear tires, 16-9-28 front tires, loaded cab, air ride seat; Massey Ferguson 399 diesel, new '89, 1000 hours, std. shift, 1000-540 P.T.O., 18-4-34 power adj. wheels, dual hyd. outlets, ex. condition; **Massey Ferguson 850 four wheel drive diesel combine,** hydrostatic speed, cab with air-heat, new rubber, automatic header control, 28-L-26 front tires, ex. condition, Massey Ferguson 1163 - six row 30" corn, used 1200 acres, flex 18' grain head with tiger jaw knives; **2 header transport wagons; Gehl 3610 diesel skid loader, 600 hrs.,** manure fork and bucket; 1984 Chevrolet four wheel drive, 6.2 liter **diesel pick-up;** Scotsdale loaded, air, power windows, 100,000 miles.

Harvesting Equipment

New Holland 489 9' haybine, new 1990; New Holland 315 baler with model 70 thrower, variable speed electric control; 3 bale wagons, 2 steel Pequea 18' tube sides, 1 with wooden sides, 8 ton gears; New Holland 890 forage harvester, long hitch, updated elec. controls, hi-flo tires, 3 row narrow corn head, 8 ft. pick up head, 2 row wide corn heads, heads sell separate, 3 row corn head has auger basse, new '90; 2 Gehl forage wagons model 970 - 3 beaters with roof, 12 ton tandem gears; New Holland forage blower, 1000 P.T.O., new '90; Zimmerman 32' elevator; 2 - 300 bu. gravity bin wagons, 10 ton gears, hi-flo tires, like new; fertilizer bin wagon, auger, hyd.; MF 3 Pt. bar mower; 100 gallon portable fuel tank w/12 volt pump; 4" 15' grain auger; 3 pt. Zimmerman bale mover; Windpower 25KW PTO portable generator; bed chopper; 30' fill pipe w/gooseneck; 6 stall calf kennel, New in 91; 2 Round Hay Racks; Acetylene Torch Set w/tanks; 5 log chains; 2 hydraulic cylinders; grease guns; feed carts; grain moisture tester; 2 Sunbeam clippers; ¾ " drive socket set.

Tillage And Planting Equipment

White 5100 6 row air corn planter, deluxe monitor, no-til coulters, loaded with options, new '90-400 acres; International 510 grain drill, 18 single disc openers with grass seeder; Sunflower 4211 9 shank chisel plow w/hydraulic coulters new in '92; White 549 five bottom 18" spring reset plow; Athens model 118 18' fold up disc, rock flex bearings, new '90, tandem wheels; Brillion 11' cultimulcher; Brillion 11' cultipacker, 4" axle; **New Holland 680** conventional tandem axle manure spreader, hyd. end gate, slurry sides and slop pan; **Martin 1666** semi liquid manure spreader, side delivery, tandem axles, hi-flo tires; International 5' rotary mower, 900 Bale Barley Straw.

60 cow Herdex breeding chart - Cow chains

Selling for Leon Nolt, Neighbor to Kings

843 Bobcat skid steer loader, diesel with bucket, new tires; New Holland 847 round baler; **John Deere 2030 diesel tractor,** all in good condition.

Buyers need proper identification to purchase by check
Homemade Food on Premises

AUCTIONEER'S NOTE- This is an excellent line of shed kept machinery. Merv and Anna Ruth are changing commodities. Come early for Machinery. No wagon items.

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
AU 001349L

Petersheim Auctioneers

Public Auction

Thursday, March 11, 1993
9:00 A.M.

HORSES DAIRY CATTLE FARM EQUIPMENT

LOCATION: From Quarryville - N. on Rt. 222 to 1st Rd. North of Hessdale - turn onto Walnut Run Road - right on Deiter Road - left on Bachman Road to 2nd farm on right. From Strasburg - West on Rt. 741 - bear left on Lime Valley Road to Bachman Road. The auction to be held on the former Ephriam Miller farm.

41 Grade Holstein milk cows - 21 heifers - 10 work horses - hitches - dairy equipment - full line of farm machinery - farm related items - ear corn.

Auction By:
AMOS S. & EMMA LAPP JR.

HARRY H. BACHMAN AUCTIONEER
AU-000033-L
138 College Avenue-Annville PA 17003
(717) 867-1809

Assisted by
STONEHURST FARMS
(717) 687-7475

"HORST AUCTION CENTER"

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS, COLLECTIBLES, TOOLS, HONDA MOTORCYCLE

WED., FEBRUARY 17, 1993

AT 3 P.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles west of Ephrata), Ephrata, Lancaster County, PA.

FURNITURE

Antique High Dry Sink; Blanket Chest, Jelly Cupboards, Mahogany Drop Leaf Table; **OAK:** Sq. Extension Table, Dresser, Schoolmaster's Desk, Maple Hutch, Breakfast Set; Bookcases; Double Bed, Box Spring & Mattress; Bunk Beds, Desk; Mod. Dry Sink; Cedar Chest, Fine Living Room Suite, Sofa Bed; Upholstered Chairs; Platform Rocker; Cherry Coffee & End Tables, Child's Desk; Filing Cabinet w/ Safe; Wardrobes

APPLIANCES: Refrigerator, Dryer; Air Conditioners, Color TV, Sewing Machines, Entertainment Center, Exercise Bike; Lamps; Tiffany Type Lamp,

CHINA & GLASSWARE

German & Oriental China; Depression; Pressed & Pattern Glass; Lead Crystal, Figurines; Shakers; Mixing Bowls, Avon, Crocks & Jugs, Agate Kettle.

LINENS: Fancywork; Blankets; Material & Sewing Supplies, Harlequin Books; Tonka Trucks, New Toys, Stuffed Animals; Reed Baby Carriage; Doll's Cradle, Trumpet; Wooden Handled Golf Clubs; Golf Bags & Clubs

TOOLS: Radial Arm Saw, 10" Table Saw, 6" Jointer, Drill Press, Belt Sander; Shaper; Router; Hand Tools, Pedal Fire Engine, Bows & Arrows

1981 HONDA CM 400E MOTORCYCLE (400 C C., 10,000 miles)

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3060
Fax # (717) 738-2132
*VOICES OF EXPERIENCE

TWO-DAY AUCTION
23rd ANNUAL CONSIGNMENT SALE

FRIDAY, MARCH 5, 1993
SATURDAY, MARCH 6, 1993
9:30 A.M. SHARP
Donald Scheese Farm
Cohansey-Friesburg Road
R.D.#3 Box 288
Elmer, N.J. 08318

All Tractors Will Be Sold On Friday: Tractors, Combines, Trucks, Implements Of All Types.

EARLY ARRIVALS

TRACTORS: John Deere- 8760, 4755 MFD, 4850 MFD, 4450 MFD, 4250 MFD, 4250 P.S., 4050 Quad, 4440 P.S., 4440 Quad, 4240 Quad, 4040 Quad, 4040 No Cab, 2950 MFD & cab, 2950 cab, 2940, 2040, 2630, (2) 4320, 4020 console, 4020, (2) 2510-D, 3010-D, 950 w/mower, 850 w/ mower, 650 MFD w/mower, 6030 cab, 2010-G, 8630, 4230, (2) 301 w/L.
FORD: 7710 MFD, 1720, 1710, 6600, 3000, 2000.
INTERNATIONAL: 5488, 1066, (5) 140, (3) cubs, (2) 885 w/cab, 2400 w/mowers, (2) M.
MASSEY FERGUSON: (2) 285, 20 w/L.
ALLIS-CHALMERS: 7000 PS, D-12.
ANTIQUE TRACTORS: John Deere 730G, 730D, 720D wide front, (2) 620, (2) 60, 530, 520, A-unstyled, B-unstyled, G, H, 430, 40, (3) LA.
Case-LA.
Hesston: 4900 square baler.
All types of equipment arriving daily. Listing subject to change due to daily business.

Receiving Equipment Up To March 4, 1993.
We Have The Right To Reject Any Incoming Consignments.
WATCH FOR LISTING BEFORE SALE TIME
LUNCH AVAILABLE
FOR INFORMATION CALL:
609-455-3462
609-769-4025
Auctioneer: Blaine Rentzel

PUBLIC AUCTION

JUNIATA CO.
SPORTSMAN'S DREAM

Sat., March 13

11:00 A.M.

Property located along Rt. 850, 2 mi. north of Honey Grove, Watch for sale sign in Honey Grove.

This 10.2 ac. w/approx. 7 ac ridgeland, provides good hunting, located only minutes from State Game Land, as well as a source of firewood. Borders Tuscarora Creek, 800 ft. and 796 ft. frontage on Rt. 850 in Tuscorara Twp. A 2 sty, 7 room frame house w/drilled well and on lot septic, is in good repair. If you are looking for a home or a weekend retreat and wish more info or for pictured brochure, CONTACT AUCTION SERVICE or owners.

FRED and HELEN ROBINSON,
Owners
Ph. 717-734-3274 after 3:30 p.m.
Long's Auction Service
RR 1 Box 458, Port Royal, Pa. 17082
Ph. 717-527-2405 or 4458
AU001702L

PUBLIC AUCTION

of Farm Machinery, Truck, Antiques, Household Goods

Saturday,

February 20, 1993

10 A.M.

445 Walnut Run Road, Strasburg, PA. Dir: Approx. 6 miles South of Lancaster on Rt. 222 between Refton and Hessdale.

1969 INT. TRUCK MODEL 1700 w/14' DUMP BED & SIDES. FARMALL #566 DIESEL TRACTOR W/WIDE FRONT & 3-PT. HOOKUP; FARMALL #450 GAS TRACTOR W/FAST HITCH & POWER STEERING; FARMALL #350 GAS TRACTOR w/FAST HITCH.

16' Steel Wagon, 2 Wooden 18' Wagons for Throw Bales, #400 New Idea Hay Rake, Int. Fast Hitch 3-Bottom Plow, New Idea 10' Fertilizer Drill, Pull Type Rotary Mower, 7' Three-Pt. Rotary Mower, John Deere 10' Spring Harrow, Int. 9' Spring Harrow, New Idea #12A Manure Spreader, 2 Int. 28 Pull Type Disk Harrow, 2 Dirt Scoops, Denlinger Fodder Shredder, 2 Cycle Bar Mower for Farmall Cub, Manure Loader for Farmall A, Single Row Tobacco Planter, Mini Silo Cutter, 2 Hole Corn Sheller.

ASSORT. OF CAST IRON TROUGHS INCLUDING MOUNTVILLE BAUSSMAN, BENTLY, Cast Iron Pump Trough, Iron Hand Pump, Hay Knives, Old Milk Cans some w/Drop Handles, Single Shovel Harrow, Ice Tongues, Cast Iron Dinner Bell, Meat Saws, Wheelbarrow, Sheep Clippers, TOBACCO LATHE, Monkey Wrenches.

OAK JELLY CUPBOARD, Old Single Depression Bed, **CEDAR CHEST W/TRAY,** Oak Bureau, Chest of Drawers, End Tables, Cedar Chest, 2 Pc. Lime Oak Bedroom Suite including Single Bed w/Book Shelves & Bureau w/Mirror, Oak Comb. Library Table & Bookcase, Lime Oak Desk, Fainting Couch, Misc. Chairs, Wall Shelves, Metal Wardrobes, Wagon Wheel Ceiling Light, Wooden Floor Lamp, Assort. Lamps, Milk Bottles.

WOODEN MEAT BENCH ON LEGS, Old Wood Cabinet, Modern Broom Cupboard, Meat Grinder, Wooden Porch Swing, Metal Porch Glider.

Lots of items too numerous to mention. Items sold as is. Sale order: HH Goods, Antiques & Farm Machinery.

Cash • Approved Checks • No Out-of-State Checks • Not Responsible for Accidents • Food Available.

Sale by:

HAROLD & HELEN HESS
Miller & Siegrist Auctioneers
Elvin Siegrist • 687-6857
Alvin Miller • 392-1547
Paul Andrews AU-1723L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. MAR. 19 - 9:30AM, Modern Farm Machinery Auction. Located 15820 Mountain Green Rd., Spring Run, Pa. Owner, Robert Mumma. Kling's Auctions, Inc., Sales Mgrs.

FRI. MAR. 19 - 10AM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. MAR. 20, Public auction Located RD Shippensburg, Pa. Henry W. & Mabel Grove, owners. Bryan D. Imes, auct.

SAT. MAR. 20, Waynesboro, R D. Full line of Modern Farm Machinery and farm items Josie J. Keller and Roy L Keller, owners. Kling's Auctions, Inc., sale mgrs.

SAT. MAR. 20, Farmall Super C, Sears riding mowewr, household furnishings & tools Located RR 2 Box 550, Neww Columbia, Pa. Milton Hauck, Jr., owner Bryan D. Imes, auct.

SAT. MAR. 20, 38 M/L Acre Farm, Machinery, House Goods, Coins. Located From Lancaster, Pa. Take Rt 272 So App. 10 Mi. Turn West On Truce Rd., Cross Over Rawlinsville Rd. Onto Martic Heights Rd. Turn Left On Creamery Rd. 1st Farm Left. Terms By, Charles Walter Jr. Estate. Kreider, Kline & Good, Aucts.

AUCTION

VALUABLE ANTIQUES, FURNITURE, APPLIANCES, HOUSEWARES, GUNS, TOOLS, ETC.

FROM THE ESTATE OF GEORGE F. DECKER, LATE OF LOGANVILLE, PA., FROM THE HOME OF MRS. MARTHA E. THOMPSON OF STEWARTSTOWN, AND FROM THE HOME OF MRS. NELLIE C. KELLER OF WOODBINE, PA.

SATURDAY, FEBRUARY 20, 1993 - 8:30 A.M.

To be held within Chanceford Community Bldg. in the village of Brogue, York County, PA. Rt. 74 southeast from Red Lion approx. 8 mi. to Brogue Post Office on right. Turn right and go 1/4 mi. to hall on left.

ANTIQUES, FURNITURE, APPLIANCES, HOUSEWARES, ETC.

Very nice 2 pc. corner cupboard w/two glass paned doors above & two blind doors below - 80h x 48w x 22d; Beautiful Howard Miller grandfather's clock; colonial maple table & 4 chairs; col. maple hutch & china closet; mahog. Winthrop secretary; very old punched-tin pie safe; Sears color TV w/remote; two RCA color TV's; antique bench table; oak pawfoot round table; oak pressed back kitchen chairs; 6 oak urn-back DR chairs; oak dresser w/ornate mirror; matching Dep. table, buffet & server; Tappan almond LP gas range and Kelvinator almond refrig. - new; another Kelvinator refrig; Gibson 30" two-pc. hutch; 2 Dep. dressers w/ mirrors, a vanity & seat and a chifferobe; ornate single rope bed; ladderback rocker w/rush seat - worth restoring; Eastlake juvenile bed; gold G.E. no frost refrig; gold Magic Chef city gas range; G.E. HD auto. washer; Kenmore HD gas dryer; Westinghouse elec. roaster w/metal cab. base; 3 woodboxes; 2 cedar chests; steamer trunks; blanket chest; wooden porch swing; 5 pc. chrome dinette; Singer treadle sewing machine; 1950s maple BR suite; light oak BR suite w/bookcase bed; odd oak dresser; cottage dresser; sofas & chairs; many good stands, chairs, coffee, end & occasional tables, lamps, etc; Aladdin lamp; several dressers & chests of drawers; oak commode; mirrors; hall trees; maple Boston rocker; metal wardrobes; several sweepers; pictures; Kenmore window AC unit; box springs & mattresses; oak sewing rocker; metal porch chairs; wooden comb case; flower stands; agateware roaster; mantel clock; blue & green opalescent pcs; 7 pc. berry set; Ruby glass cup "Remember Me"; 1907 Niagara Falls spoonholder; several beautiful veg. bowls; H.P. Nippon & German pcs; glass basket; rooster & goose cookie jars; blue Moon & Star banana bowl; wine set; stainless flatware; misc. costume jewelry; 6 gal. br. & wh. crock; 12 ga. crock; RC Cola cooler; cookware, dishes, knick-knacks etc. from 3 households; and many other items.

ANTIQUES, GUNS, RELOADING EQUIPMENT, FISHING RODS & TACKLE, TOOLS & MISC.

Winchester Mod. 70 rifle - 300 Win. Mag. w/Leupold 3.5 X 10 scope; Winchester Mod. 70 rifle - 270 Win. w/Leupold 3 X 9 scope; Remington Mod. 722 bolt-action rifle 222 Rem. w/10X Bushnell scope; Browning 16 ga. semi-auto. shotgun; Remington Mod. 870 Wingmaster 20 ga. pump shotgun; Savage Mod. 99 lever-action 30-30 rifle; Marlin Mod. 25 bolt 22 cal. w/clip; Stevens 12 ga. single barrel shotgun; H & R 16 ga. single barrel "Topper M48"; Henry Arms 12 ga. sbl. barrel exposed hammer shotgun; Winchester Mod. 04 single shot 22 cal bolt; old H & R .38 revolver; soft & hard gun cases; lg. 10 X 80 spotting binoculars w/wooden case; qtys. of ammo; Bushnell 20X spotting scope; Herters & MEC reloading presses; Lee loader set; reloading tools & supplies; 1" to 3" micrometer & 3-4" micrometer; pr. of Radio Shack walkie-talkies; size 38 Woolrich suit & other hunting clothes; 20+ fishing rods; tackle boxes - full; antique lures & Pflueger reel; hunting knives; butcher knives, cleaver, etc; iron butcher kettle & ring; pot hooks & meat hooks; lard press; etc; 1/4 & 1/2" drills; power saw; several tool boxes - full; whiskey barrel; ice tap for beer keg; sm. wooden shopdesk; hand truck; axes, saws, shovels, hoes, sledge hammer, rakes; anvil; block & tackle; pipe wrenches; sm. acetylene torch; wheelbarrow; push worker; lawn spreader; etc.

TERMS: CASH TO STRANGERS. Checks w/acceptable I.D.

MRS. MARGARET E. THOMAN, EXECUTRIX OF GEORGE F. DECKER ESTATE
MRS. RUTH M. COLVIN, P.O.A. FOR MARTHA E. THOMPSON
MRS. BETTY K. EATON, P.O.A. FOR NELLIE C. KELLER

FAWN GROVE, PA. 382-4379 — RED LION, PA 244-3976
Auctioneers
Lic. Nos. 820 & 821

HOMEMADE SOUPS & PIES, SMOKED HOTDOGS, ETC. BY CHANCEFORD VOLUNTEERS

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. MAR. 20, 30th Annual Spring Sale. Located Kempton Community Recreation Center, Northern Berks Co. Stitzel Farm Equipment, Inc.

SAT. MAR 20, Farm equipment and tools, along Route 322 midway between Hinkletown and Ephrata. Henry H Garman Nevin Martin and sons.

SAT. MAR. 20, 30th Annual Spring Sale At Kempton Community Center. 14 Auctioneers For Information Call 215-756-6973.

SAT. MAR. 20, Farm equipment 1729 Boyer Run Rd., Manheim for Paul H. Livengood John D. Stauffer, auct.

SAT MAR 20, 5th Annual Community Farm Auction. Located Near Rock Springs, Pa At The Huntingdon & Centre County Line Along Rt 45 Ron Gilligan, Auctioneer #AU339-L

SAT MAR. 20 - 8:30AM, Building Material Sale All Day Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers

SAT MAR 20- 8 30AM Building materials sale Located 6 miles sotheast of Strasburg along Rt 896 in the village of Georgetown, Lanc Co, Pa Bart Twp Fire Co.

SAT. MAR 20 - 9AM 30 acre farm, farm and butcher equip, tools, guns, antiques and personal property. Lane Farm Black Oak Road, Swatara Twp, Leb. Co., Leb. Pa By Hattie Spangler. Ebersole's Country Auction.

SAT. MAR. 20 - 9AM Amish school benefit sale, cattle, machinery, quilts, furniture. Located in Snyder Co. at the Sam Y. Hostetler Farm, turn W. off RT. 522 at McClure, Pa., 3 miles to crossroads, turn right 3½ miles to farm. Mark & Brian Glick, aucts.

SAT. MAR. 20 - 9AM 19 acres m/l, wood & farmland, 1½ story brick & sided dwelling. 225A N. King St, Schoeneck, West Cocalico Twp, Lanc. Co. By Ruth B Wealand Estate Horst Aucts.

SAT. MAR 20 - 9AM Farm equipment Of the late Donald D. Wilt located at 3489 Uniontown Rd, Uniontown, Md, Carroll Co. Phyllis L. Wilt, owner. Dwight C Amoss, auct

SAT MAR 20 - 9AM, Annual Spring Consignment Sale. Located At Juniata Markets, Jct Of Rts 75 & Old 22, At The Blinking Lights, 1 Mi. North Of Port Royal, Pa Juniata Co. Long's Auction Service.

SAT MAR 20 - 9AM 153± Acre farm Located long the Klingerstown to Pillow Rd, 2 mile West of Klingerstown Pa 5 mi. E of Pillow & Rt 225 Jordon Twp Northumberland Co. Owner Mrs. (George R) Corrine D. Wolfgang. Mark J. Jones, Aucts.

SAT. MAR. 20 - 9AM Located between Strasburg and Gap. Turn off Rt. 741 at Township Shed on Black Horse Road. 1st Place on left. Lancaster County, PA. Antiques and household goods. Terms by Clara L. Neff. Robert E. & Jeffrey R. Martin Aucts. Randal Ranck Apprentice.

SAT. MAR. 20 - 9AM, Van, Tractor, Trailers & Tools. Located From Schaefferstown, Take Route 419 South One Mile To Property On Right, Lebanon Co., Pa. Auction By, Aaron H. Martin Estate. Paul E. Martin, Aucts.

SAT. MAR. 20 - 9AM, Estate Of Helen Gassert. Located 1 Mile East Of Village Of Bethel Along Old 22. Dwight D. Miller, Auct.

SAT. MAR. 20 - 9:30AM, Public Auction Of Milk Bottles. Located At The Brickerville Fire Hall, Just Off Rt. 322 At Brickerville, Pa. Paul Snyder, Agent For Owner. Paul & Michael Snyder, Aucts.

SAT. MAR. 20 - 9:30AM, Valuable 38 M/L Acre Farm, Machinery, Housegoods, Coins. Located From Lancaster, Pa. Take Rt. 272 So. App. 10 Mi, Turn West Onto Truce Rd., Cross Over Rawlinsville Rd Onto Martic Heights Rd. Cross Over Hillsdale, Turn Left On Creamery Rd. 1st Farm Left, Martic Twp. Terms By, Charles Walter, Jr Estate Kreider, Kline & Good, Aucts.

SAT MAR. 20 - 10AM Bingham Center (Potter Co) Penna Between Ulysses and Genesee. Mr. and Mrs Harold Kiebach Complete Dispersal Pirrung Aucts, Inc

SAT MAR 20 - 10AM, Clyde & Darlene Alderfer Will Sell Full Line Of Farm Machinery. Located 1½ Miles East Of Mt Pleasant Mills, Pa (Snyder County), ¼ Mile South Of Route 104 And 35 Intersection Take Flint Valley Road East 1 Mile Of Route 104. Ken Smith, Auct

SAT. MAR. 20 - 10AM Farm equipment, tools. Along Rt. 322, midway between Ephrata and Hinkletown, ¼ mile E. of rt. 222. West Earl Twp. Lanc. Co. For Henry H & Edna M. Garman. Nevin Z. Martin, aucts.

SAT. MAR. 20 - 11AM Genesee, Pa. Harold Kiebach Complete Farm Dispersal, Cattle and Machinery Auction. Pirrung Auctioneers, Inc. 716-728-2520.

SAT. MAR. 20 - 11AM, Farm Machinery & Household Goods. Located In Mt. Pleasant Mills, Snyder County. At Selinsgrove Take Route 35 South 9 Miles To Crossroads, Make Left Onto Route 104 And Travel South 1 Mile To Martin Brothers Produce And Make Left. Travel 3 2/10 Miles And Make Left And Go 7/10 Of A Mile To Sale Site. Watch For Auction Signs Day Of Auction. Owners, Mr. & Mrs. David L. Kratzer. Roger A. Lauver & Dean E. Longacre, Aucts.

PUBLIC SALE

20 ACRES M/L FARM

FRYSTOWN - BERKS CO.

MON., FEBRUARY 22, 1993

2 P.M.

Located at 1830 Camp Swatara Road, Rt. 645 (Just South of Frystown), Bethel Township, Berks Co., PA.

20 ACRES M/L FARM
(Veal Operation)
2½ STORY BRICK & VINYL SIDED DWELLING
(Recently Remodeled)

FIRST FLOOR: LARGE EAT-IN KITCHEN w/Oak Cabinets; Microwave; **LARGE LIVING ROOM; PARLOR; OFFICE; FULL BATH.**

2nd FLOOR: 4 Bedrooms w/Closets.

Basement w/Kitchen Area; Oil Hot Water Heat (2 Zones); Home Recently Remodeled & Insulated.

44x80 VEAL BARN; 120 Veal Crates; Hi-Pressure Cleaning System; Heated & Ventilated; Feeding System.

30'x40' WORKSHOP & GARAGES.

20 ACRES M/L w/14 TILLABLE ACRES; STREAM; 2 Wells w/Pressure Systems.

This property has many possibilities. Be sure to inspect this property!

Open House Sat., Feb. 6 & Sat., Feb. 13 from 1 p m to 3 p m. or call auction firm at 717-738-3080 or 717-949-2133.

No out-of-state checks unless accompanied by a current bank letter or prior arrangement with auctin service.

Terms By

WILLARD HACKMAN
NORA HACKMAN

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3080
Fax # (717) 738-2132
"VOICES OF EXPERIENCE

PUBLIC AUCTION

170 ACRE FARM, TO BE SOLD IN 4 PARCELS OR ENTIRETY

LOCATION: Route 313, between Massey and Millington, MD.

SALE DATE: THURS., FEB. 25

At 12:00 Noon

Parcel #1 - 28 Acres
Parcel #2 - 37 Acres
Parcel #3 - 45 Acres
Parcel #4 - 60 Acres

TERMS: 10% deposit in certified funds day of sale. Balance within 45 days. Sale subject to immediate confirmation. Individual bids versus entirety bid.

Plot plan & details from:

HARRY RUDNICK & SONS, INC.
Auctioneers & Realtors of Galena, MD
(410) 648-5601

PUBLIC SALE

TUESDAY, FEBRUARY 23, 1993

9:00 A.M.

Located four miles east of Lancaster. First farm south of Route 30, along Route 896. At 46 Hartman Bridge Road, East Lampeter Twp., Lanc. Co. Penna.

LIVESTOCK

One pair five and six yr. old Sorrel Mare mules; One pair smooth mouth Sorrel Jack mules; One smooth mouth Bay Molly Mule. All Well Broke and Sound.

FARM EQUIPMENT

International #560 Diesel tractor, in good condition; New Holland #311 Baler with engine; New Idea #323 corn picker with A.C. "B" power unit in good condition; Pequea 16" ensilage cutter; Pequea manure spreader.

New Holland #456, 7' grass mower with power unit; New Holland #56 hay rake; New Idea #752 crimper; Pequea hay tedder; McD #9 7' grass mower; Zimmerman 28' elevator, with Hydraulic unit.

Three steel wheel wagons two with 16' and one with 18' beds; John Deere P.T.O. corn binder with loader; McD ground-driven corn binder.

John Deere plateless corn planter; Mechanical transplanter; John Deere KBA 20 disc harrow; cultipackers; 3-section spring harrows; Oliver Radex 2-bottom 12" plow; John Deere 2-way sulky plow; two McD riding cultivators; Four Fore-trucks.

Gravity bin on gears; barn yard scraper; Wiard #106 walking plow; 12' drag elevator; wire roller and wire; Two and Four cylinder Wisconsin engines; Hydraulic press; 150 gallon fuel tank with pump; bolts; hand tools; belts; 1, 2, 3, 4, 5 and 6 horse hitches; seven sets of front gears; collars; bridles; lines; Minnich tobacco press; tobacco shears & spears.

Lincoln Weldan-Power 150 Amp. Welder; B & S 7 h.p. engine; Hydraulic engine lift; Handy-Man Jack 20+ hyd. Jack.

Good Spring Wagon Open Top Buggy
55 Ton Of Ear Corn

Dairying Equipment— Petter Diesel; Four Nu-Pulse milking units; Surge Alamo 30 Vacuum pump; Bender washer; 2- Like new milk cans; Handimatic ensilage cart; Stewart clippers; 12 Volt Farmec fencer; stainless twin tubs; buckets; strainers; two round hay racks; milk cans; forks; shovels; feed and ensilage carts; And other articles too numerous to mention.

Some Household Items— Old butter churn; China closet; chest of drawers; wash stand; 3 rockers; school desk; crocks; jars, etc.

Owner,
JONAS L. BEILER

Sale at 9:00 A.M.
Diffenbachs, Auct. 225L
393-4464

Good Food Available

CLOVER LEAF

Registered & Hi-Grade Holstein Dispersal

Dispersal Held For John Z. & Naomi Stoltzfus
Kennedyville, Maryland

March 16, 1993 • 11:00 A.M.

Dispersal held at the farm in Kent County, MD, eight miles North of Chestertown, eight miles South of Galina. Follow Route 213 to Kennedyville. Go East at Post Office, second farm right.

95 Head 95 Head

Seventy Eight Head Milk Cows
17 Bred Heifers due March through November

30 head are 2 and 3 year olds milking, D.H.I.A. rolling herd average 20,835 M, 3.68 Fat, all calf head vaccinated. 30 day charts, certified and accredited herd, monthly vet check. May 1992 top production in Kent County - average 75 lb. M per head.

Bulls represented mostly Sire Power - Belltone, Tesk, Valiant, Leader, Mandingo, Secret, Melvin, Eveready. 7 Tesk daughters, 5 Secret, 3 Tony, etc.

FEATURES

No. 451 Grade 4 yr. old Sire - Valiant
03-04 346 Days 25,940M 867 Fat 826 Protein

No. 450 Reg. Born 3-2-88 Due - Sale Time Sire - Walking Chief Mark Dam - Chairman
03-04 337 Days 22,770M 3.6 828 Fat

No. 449 Grade Born 2-25-88 Sire - Secret
04-01 335 Days 25,970M 3.9 1030 Fat 889 Protein

No. 446 Reg. Born 2-18-88 Sire - Secret
03-03 365 Days 24,120M 3.4 815 Fat 790 Protein

No. 443 Grade Born - 12-26-87 Sire - Chairman
03-07 352 Days 24,270M 6.7 Fat 805 Protein

No. 40 Reg. Born 8-4-89 Due - Sale Time Sire - Tesk
Peaked 91 lb. M as 2 year old

No. 48 Born 10-3-89 Sire - Tesk
2 yr. old Projection 305 Days 17,690M 4.1 726 Fat

No. 8 Grade Born - 6-28-88 Sire - Tesk
04-01 305 Day Projection 23,520M 4.0 900 Fat 720 Protein

No. 9256 Reg. Sire - Noah Fresh - Sale Time
Best Record 305 Days 38,110M 1137 Fat 949 Protein

No. 76 Born 7-1-90 Sire - Clepto
02-03 305 Days 19,300M 3.6 676 Fat

More detailed and complete information sale day. Announcements sale day take precedence over this ad.

AUCTIONEER'S NOTE - This is an opportunity to purchase big, strong cattle - bred for production - 30 years of Holstein breeding - all home raised.

Pedigrees - Henry Kettering

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
AU 001349L

Petersheim Auctioneers

PUBLIC AUCTION

SATURDAY, FEBRUARY 27, 1993

9:00 A.M.

SCHAPER BROS. 20TH ANNUAL CONSIGNMENT SALE

Of Tractors, Farm Machinery, Construction Vehicles, Tools

Consignments are now being accepted. Deadline for advertising items Feb. 11th.

LOCATED: Vineland-Bridgetown Pike (Route 56) (West of Rainbow Lake) Pittsgrove Township, N.J.

FOR FURTHER INFORMATION CALL (609) 455-1640

Auct. Wolgemuth Auction Service #2357

Dennis (717) 733-8192

Bob (717) 665-6684

TURN UN-USED EQUIPMENT INTO CASH

COMPLETE DISPERSAL AT PUBLIC AUCTION
CONSTRUCTION EQUIPMENT AND SUPPLIES

MONDAY, FEBRUARY 22, 1993

Auction Time - 10:30 A.M.

AUCTION SITE: 12 BUCH ROAD, AKRON, PA.

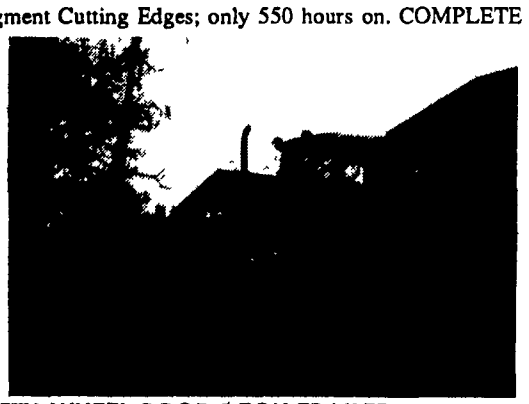
DIRECTIONS: From Lancaster, take Route 222 North to Brownstown exit, then Route 772 North 1 block to Route 272 North. Go ½ mile, keep right at Landis Rent-a-Car, continue ¼ mile to a right onto Tobacco Road, to second road right, to auction site, Lancaster County, PA.

1990 MACK MODEL RD6885

10 Wheel Dump Truck w/Air Ride Cab, 350 H.P. Engine w/Engine Brake, Mack 12 sp. Trans., full Trailer Connection, Live Air Operated P.T.O., Air Tailgate, 15' Lined Steel Body, only 33,000 original miles, New Tires on Front Axle, One Owner.

1987 CAT 953 TRACK LOADER

with Full Cab, 2 cu. yd. G.P. bucket, Teeth and Segment Cutting Edges; only 550 hours on. COMPLETE ENGINE OVERHAUL by Cleveland Bros.



1988 JOHN DEERE 510-C

Wheel Loader Backhoe w/Full Cab and Mechanical Front Wheel Drive, New Tires on front axle, 1¼ yd. Loader Bucket, Extendable Hoe w/24" H.D. High Capacity Bucket and Hydraulic Wet Line, Reversible Stabilizer Pads, bought new in February, 1989, only 3550 original hrs.

1989 J.C.B. 1400-B BACKHOE

Full Cab, 4 Wheel Drive, only 690 original hrs., bought new in 1990.

1968 R MODEL MACK

237 H.P. Engine, 5 sp. Maxidine Trans., mechanically good cond., road ready.

1987 25 TON EAGER BEAVER 5TH WHEEL DROP DECK TRAILER

25 ft. Deck w/Beaver Tail and Loading Ramps, one owner.

1990 TRAIL KING MODEL TK40LP

24 ft. length Tag-A-Long Trailer; 17.5 Budd Wheels, H.D. Ramps.

1989 KODIAK 18' ALUMINUM TRAILER

Tandem Axle, Low Deck w/Ramps, Side Boards, Elec. Brakes, 10,000 G.V.W.; 1979 Ford Pickup, 4 Wheel Drive w/Hydraulic Angle Snow Plow, good cond.; **MITSUBISHI 18 H.P.** Diesel Tractor w/48" Mower Deck; 3 ft. Bucket for J.D. Backhoe; John Deere Backhoe Quick Attach Bucket Coupler for J.D. 510; **1990 A G L GRADE LIGHT SEWER LASER;** A G L Blower Fan, model BD1000V, variable speed, for Pipes 8 inch through 15 inch, includes Battery; 1989 A G L EAGL-2 Rotating Laser w/Receiver and Tripod, needs repairs; **STANLEY** 2 ft. Trench Tamper to mount on J.D. 510-C; Lincoln 250 AC-DC Welder and Supplies; **GRAVELY** 42" Walk Behind Mower; **HONDA** WT30X Water Pump, 3" Suction Hose and 200' Discharge Hose; **STIHL T5510 CUT OFF SAW** w/14" Blades, Electronic Ignition, w/Walk Behind Cart; 14" Concrete Diamond Blade; 12" Asphalt Diamond Blade; Misc. Blades; 110 gal. L Shaped Fuel Tank w/12 Volt Elec. Pump; Metal Tool Box for Full Size Pickup; Air Test Plugs and Equipment for 4", 6", 8" and 10" Sewer Lines; Manhole and Storm Sewer Lift; Misc. Water Line Installation Tools and Fittings; Silt Fence and Stakes; 10 Drum Oil Dispenser Rack w/Pump; Barrels, and Tap Valves; Echo Chain Saw; Stihl Weed Cutter; 2 Sump Pumps; Stanley Sabre Saw; Stanley Router; Chains and Chain Binders; Dayton 7" Bench Grinder; 6" Bench Vise; 200' Tape Measure; Rakes, Shovels, Brooms; Portable Air Tank; Jack Stands; Misc. Pipes and Fittings; Oil; Fuel; Hyd. and Trans. Filters; Lots of Misc. Shop Tools and Equipment.

OFFICE EQUIPMENT

PREMIER PHONE SYSTEM, includes 1 Master Phone w/24 Line Buttons, 4 Desk Phones w/8 Line Buttons, equipped with Speed Dial, Speaker, Conference, Call Forward, Intercom, Page, and many other features, like new; 3 Four Drawer File Cabinets; 2 Answering Machines; Calculator; Office Swivel Chair; Zee First Aid Master Station and Vehicle Kits.

AUCTION ORDER: Wagonload of small items first, followed immediately by large equipment at approximately 12:30 P.M. Equipment preview Saturday, February 20th, 12:00-3:00 P.M., and Monday, February 22, prior to Auction.

TERMS: Cash or good check with proper I.D. All out of state Buyers paying by check MUST HAVE A BANK LETTER OF CREDIT ADDRESSED TO THIS PARTICULAR AUCTION, February 22, 1993, with allowable amount clearly stated.

NOTE: MOST OF THIS EQUIPMENT WAS BOUGHT NEW BY GARDEN SPOT EXCAVATING. FILL YOUR 1993 EQUIPMENT NEEDS FROM THIS LINE OF WELL-MAINTAINED EQUIPMENT WITH ALL TITLES ATTACHED, FREE OF ANY LIENS.

REASON FOR SELLING: Owner has developed other interests and no longer has a need for this fine line of equipment.

PAUL E. MARTIN AUCTION SERVICE
Professional AUCTIONEERING
AU-001681-L
Paul E. Martin 717-733-3511
Aaron E. Martin 717-738-4168
1111 Forest Hill Road, Stevens, Pennsylvania 17578

TERMS BY:
Garden Spot Excavating, Inc.,
Carl M. Hurst, Owner -
Phone 717-627-1722

FOOD AT AUCTION

SAT. MAR. 22 - 9:30AM Marion, New York, Peter Bliek and Son, Inc. Complete Farm Dispersal, Potato and Onion Equipment Auction. Pirrung Aucts., Inc. 716-728-2520.

TUES. MAR. 23 - 9AM, Quilt, Craft & Buggies. Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. MAR. 23 - 9AM Household goods, antiques, milk bottles & books West of Leola, turn off Rt 23 North on Forest Hill Rd., first road left to 401 Myer Terrace Rd., Leola, Lanc. Co., Pa. By Lester & Lena Hoover. Robert E & Jeffrey R. Martin, aucts

WED. MAR. 24 - 9AM, Quilt & Craft Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. MAR. 25, Dairy Cattle. Located 80 Durlach Hill Rd., Stevens, Pa. For Ray P. And Geraldine Bollinger. Paul S. And Aaron E. Martin, Aucts.

FRI. MAR. 26 - 9.30AM, Kling's Annual Spring Machinery Consignment Auction Consign early For Full Advertising. Located At Kling's Auction Barn, 15 Miles North Of Carlisle, On Route 74, 2 Miles From Landisburg, Pa. Kling's Auctions, Inc, Sales Mgrs.

FRI. MAR 26 - 10AM, Farm Machinery. Located From Lancaster, Pa. Take Rt 272 So App. 10 Miles, Turn West Onto Truce Rd, Cross, Over Rawlinsville Rd. Onto Martic Heights Rd., Turn Left On Hilldale Rd. To First Lane Left Terms By, Charles & Elsie Booth. Kreider, Kline & Good Auctioneers.

FRI. MAR. 26 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market Inc, Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511

SAT MAR 27, Furniture, Antiques & Personal Property For John Hiestand Of 202 E Main St, Ephrata John D Stauffer, Auct

SAT MAR 27, 2nd Annual Whitley Co Antique Tractor Auction Located At Columbia City, In (20 Mile West Of Fort Wayne, In) King Auction Service

SAT. MAR 27 - 9AM Annual spring consignment sale held ¼ mile west of Reistville Pa, Route 501 South of Myerstown, 4 miles Farm Machinery, household, quilts

SAT. MAR. 27, Solanco Fairground - Eastern Showcase Sale, 50 Top Reg. Holstein Calves & Heifers. Located Quarryville, Pa. Info Bob Knutsen, 130 Knutsen Lane, Rising Sun, Md. 21911.

SAT. MAR 27 - 8.30AM, Valuable Tractors, Farm Equip., Dairy Equip., Misc. Truck Located Midway Between Loganville & Seven Valleys, York Co, Pa From I-83 Exit 3 (Loganville) Take North Ave West 0 3 Mi Turn L Onto Rt. 111 For 0 6 Mi Turn R Onto West Ore St For 1.6 Mi Turn R Onto Club Farm Rd & Proceed To 1st Farm On L Follow Signs. Owner, Palmer McWilliams Melvin Haines & Ralph Brenneman, Aucts.

SAT MAR 27 - 9AM Real estate, antiques, household goods, doll collection, riding tractor, tools, boat & trailer At 315 Laurel Rd, Brecknock Twp., Lanc. Co., Pa. By Gary R & Deboray K Styer, Horst, aucts

SAT. MAR 27 - 9AM, Real Estate, Antiques, House Goods Located 1806 Lampeter Rd, Lampeter, Pa Terms By, Mark & June Myer Kreider, Kline & Good, Aucts.

SAT MAR 27 - Cobleskill Dairy Fashion Sale, Suny Cobleskill, Cobleskill, NY The Cattle Exchange

SAT. MAR 27 - 9AM Annual spring consignment sale held ½ West of Reistville Pa, Route 501 south of Myerstown, 4 miles Farm Machinery, household, quilts

SAT MAR 27 - 10AM, 40 Holstein Heifers, Guns & Farm Machinery Located In Mifflin Co, 2 Miles East Of Mt Union, Pa, Turn Off Rt 22, ½ Mile S W Of Newton Hamilton, Pa Albert & Frances Bowser Mark Glick, Auct

PUBLIC AUCTION

OF POTATO EQUIPMENT & IRRIGATION

Location: Turn off U.S. 13 onto Sunnyside Road (County Rd. 90). Go past DeHome & Hospital at Smyrna, DE., farm 2 miles on right. 40 miles south of Wilmington, DE. & 12 miles north of Dover, DE.

SAT., FEB. 20, 1993

10:30 A.M.

POTATO EQUIPMENT

Mark VI Lockwood potato harvester, XL Lockwood potato harvester, gas C130 Ford Bobcat loader- new engine, one new & one used Walthambury automatic 50 lb. bagger, Hyster propane 3000 fork lift, Crown electric pallet jack, six 16' potato bulk bodies, 2-18' potato bulk bodies, 4 row Lockwood potato planter, Aeroglide sewing machine, 3 Union Head special sewing machines with stands for 50 lb. packs, 14'x16", 16'x14", 20'x18" & 9'x12" conveyor belts, 30'x16" conveyor, 14'x18" Flight conveyor, 48" potato washer, 36" potato grader, 36"x24' distribution table, 36" chef machine, 15"x10' lift conveyor, 18"x10' flight conveyor, 15"x18', 20"x22' & 18"x5' conveyors, two 40' Great Dane trailers w/Thermo King units, 24' flume 8'x36" chain conveyor, 12'x26" chain flight conveyor, 24'x28" chain feed for flume, 2-24'x16" conveyor elevators, fertilizer tube elevator, A.C. 2 row windrower, 12'x16" swivel seed potato loader, 12' crows foot packer, New Holland 2 row transplanter, 100 gal. 3 pt. hitch FMC sprayer, front mounted 4 row Oliver potato cultivator, Befco field rototiller, 3 pt. hitch box blade, 5 shank Int. subsoiler, Eskel potato seed cutter 2, 4 & 6 cut, 4 Exacto 20 lb. scales, 3 platform scales, 500 gal. per minute electric 6" pump for flume, 5 hp single phase gas generator.

IRRIGATION

6" Marlow PTO pump, 3- 1200'x5" Shur Roll irrigation systems, 1400' Wasco 6"x40' pipe, 1500' Wade Rain 6"x40' pipe, 1600' 5"x40' pipe, 400' Wade Rain 4"x40' pipe.

BUILDINGS & MISC.

16"x16' building, 2- 10'x14' buildings, 8'x16' portable building on wheels, strawberry trays, flats & qts and lots of misc & parts.

Terms: Cash or Approved Check

Owner:
GEORGE WICKS III
302-653-6460

Sales Mgr. & Auctioneers
C.T. Scuse & Sons Inc.
302-653-7530

Lunch

30th Annual Spring Sale
Kempton Community Recreation Center
Northern Berks County
1 Day Only
SATURDAY, MARCH 20, 1993

All Makes Farm Tractors & Machinery
Full Ad Later
Deadline For Advertising Feb. 15th
Call 562-8377
Call For Pickup Lots To
Call By Appointment
Call 756-6973

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT MAR 27 - 9AM 11th Annual Consignment, farm machinery, trucks, construction equip, tools, lawn & garden, etc Hay and straw Located at the Perkiomenville Livestock & Sales, Inc, on Route 29, Perkiomenville, Pa Owner Robert Landis N C Weidenbaugh, auct

SAT MAR 27 - 9AM Real estate, car, tools, household goods, antiques, coins At 184 Reading Rd, East Earl, East Earl Twp, Lanc Co Pa Amos H Hahn Nevin Z Martin, aucts

SAT MAR 27 - 11AM Real Estate of George E Wisner, Sr Located along Cherry Run Road, RD #2 Glen Rockl, Pa off of Rt 616 between Glen Rock and Seven Valleys or off of Shaffer Church Road Charles L Wehrly, auct

SAT MAR. 27 - 11 30AM Estate auction, between the Villages of Fearnot and Erdman, along the Sacramento to Klingerstown Rd, Western Schuylkill Co, Pa 20 miles W of I-81, exit 34. Estate of Mary A Klinger, Mike, George Deibert, aucts

WED MAR 31, Easter, Lamb & Goat Sale Located Belleville Livestock Market, Belleville, Pa For More Information Call Eugene Glick

APRIL

THURS. APR. 1 - 10AM, Lamb Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

THUR APR 1 - 10AM Antiques, household goods, farm items At 689 Furnace St Robesonia, Heidelberg Twp, Berks Co By Elwood W Ressler. Horst, aucts

FRI APR 2 - International Red & White Spring Sale, State Fairgrounds, Syracuse, NY. The Cattle Exchange.

FRI APR. 2 - 9AM, Receiving 7 PM. Easter Rabbit, Poultry Sale. Located At Carlisle Livestock Market, Inc, Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

FRI. APR. 2 - 11AM, Martin Bros. Annual Dairy Heifer Auction, Approx. 150 Dairy Cattle From Fresh To Calves Located Selinsgrove, Pa. Owners, Martin Bros Fraley Auction Company.

FRI APR 2 - 12 30PM, Receiving 7 Until 11 AM Easter Lamb & Goat Sale Located At Carlisle Livestock Market, Inc, Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511

FRI APR 2 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

SAT APR 3, Consignment Sale, Lawn & Garden Equipment & Farm Equipment Located 222 North Of Lancaster To Brownstown/Rothsville Exit Turn Right On To 772 West, To Traffic Lights Turn Right On 272 North Go Approx. 2/10 Mile Turn Right Onto N. Church St., Turn Left On To Metzler Rd. Take First Rd. Left At Brownstown Vocational School, Turn Left Onto Pool Road To Auction On Right. Terms By, Elam Shirk, Kline, Kreider & Good, Aucts.

SAT. APR. 3, Tools, Household Goods & Antiques. Located 1369 W. Main St., Ephrata, Pa. For Arlene H. Minnich Estate. Paul E. And Aaron E. Martin Aucts.

SAT. APR. 3, Modern Farm Machinery. Located At R.D. 1 Perulack, Pa. Owner, Clair & Eleanor Goshorn. Bryan D. Imes, Auct.

SAT. APR 3, Annual Manheim Farm Show Benefit Auction. At Farm Show Building, Manheim. John D. Stauffer, Auct..

SAT APR. 3 - 10AM, Tractors, Farm Machinery, Lawn & Garden Tractors, Etc. Located In The Village Of Richfield, Pa. (Juniata Co.), Turn South Off Rt 35 At The County Line Restaurant & Go 3 Miles To The Village Of Fogle Hill In Fogle Hill, Make A Left On Road To Oriental & Go 4 Miles Until You Come To Laurel Hill Rd. Then Make Right Onto Laurel Hill Rd & Travel ½ Mile To Site Of Auction. (Located 1 Mile Southwest Of Hoffman's Haymaker Restaurant). Watch For Auction Signs Off Rt. 35 At Richfield & Off Rt. 104 Owner, Elwood (Woody) C. Flowers Roger A. Lauver & Dean E Longacre, Aucts.

PUBLIC SALE

TUESDAY, FEBRUARY 16, 1993

9:00 A.M.

4 miles SE of New Holland, 2 miles North of Rt. 340, just East of Route 897 at 5393 Seldomridge Road, Lanc. Co., Pa.

FARM EQUIPMENT

New Holland #311 Baler with Wisconsin engine; AC XT 190 Diesel tractor, on steel; Gehl #800 Harvestore with Table, Gehl Hopper, Auger, for hi-moisture corn, magnet and Hyd. knife sharpener; John Deere "No Till" #7000 corn planter, with monitor, Hyd. lift, and acreage counter, like new; New Idea #323 corn picker; White Horse Hyd. Two way plow; Frick 22" Thresh Machine.

New Holland #256 hay rake, with rubber teeth; Grimm hay tedder; Zi ierman 32' elevator with Hyd motor and 200' of hose, used one ye. , Smoker 24' elevator; Three steel wheel wagons with 16' beds.

New Idea #206 manure spreader; New Idea 12A manure spreader; Stoltzfus liquid manure spreader; 175 bushel grain bin on gears; Fisher sprayer with Myers pump and 10 row boom; Like new drop nozzles for Fisher sprayer.

John Deere 24 KBA disc harrow; McD corn binder; Ontario disc grain drill; Hi-Wheel tobacco sprayer; two 3-section spring harrows; log roller; McD ensilage cutter; two McD 6' grain binders, one with oilers; New Idea lime and fertilizer drill.

Four McD riding cultivators; two sets of tobacco hoers; two section spike harrow; Wiard #106 walking plow; 2-row marker; two tobacco wagons; water tank on gears; stone hauling dump-trailer; rubber tired wheels for New Idea manure spreader.

Massey-Harris #101 for parts; International "A" power unit; two telescoping silo pipe; Two Minnich and one Jack tobacco presses; 8000 tobacco lath; three Myers pump jacks, one with B&S reduction clutch.

Shop anvil; Electric Makati skill saw and grinder; table saw with electric motor; Two hand crank alfalfa seeders.

3000 lb. pressure washer with 13 h.p. Honda "INTER" pump; Echo knapsak sprayer; Echo chain saw; Lincoln 150 Amp. Welder; rolls of wire; 16' wood gates; belts; corn sheller; wire roller; 55 gallon drum with pump; saw and saw buck; two dirt scoops; dung sled; cement mixer.

Potato plow; Potato cutter; Ready heater; Two sets of Brichman harness; collars; bridles; lines; 1, 2, 3, 4, 5, and 6, horse hitches; one horse cultivator; Handy-man jack; fence posts; wire; log chains; plastic pipe; pipe fittings; Hand tools; 20 ton, two lo ton, one ton and twelve ton screw jacks; chicken feeders; brooder stoves; single and double propane lights.

Three farrowing crates; wheel puller; grease guns; 300 gallon fuel oil tank with pump; gas lantern; tobacco shears and spears; five jockey sticks; Bucket-a-day stove; Warm Morning #400 stove, three years old; Shenandoah wood stove; Iron kettle on stove.

Dairying Equipment— Two hay racks; mineral feeder; Dehorner; three stainless carrying pails; large stainless strainer; Lehigh 3 h.p. compressor; Two Sunbeam clippers, extra blades, like new; ensilage forks; milk cans; Feed carts; electric fencer with voltage reducer for cow trainers; 35 cow trainers; 4-unit calf hutch; nose leads; pill guns; etc.

Two Storm Front Carriages

Household Items * Antiques And Etc.— Glass jar butter churn; coffee grinder; porch swing; two sizing boxes; Harpsichord; lard press; meat grinder; sausage stuffer; Old spring wagon bed; Paneled wood shutters, hardware and latches; wood pulleys; Small pea and Beam scales; bird houses; and many articles too numerous to mention.

Owners

LEVI F. AND FANNIE F. STOLTZFUS

Sale at 9:00 A.M.
Diffenbachs Auct. 225L
393-4464

Good Food Available

PUBLIC AUCTION

Selling our farm we the undersigned will sell at Public Auction. Located 2 miles north of Enon Valley, Pa. on State Route 551 on

SATURDAY, FEBRUARY 20, 1993

@ 10:00 A.M.

FARM MACHINERY

Farmall M tractor on steel; Pioneer 14 in. riding plow; 8 ft. springtooth; John Deere 999 2 row corn planter; New Idea 206 manure spreader on rubber; New Holland No. 68 baler with Acme diesel engine (to be offered separate and together); McCormick No. 9 7 ft. mower; McCormick corn binder; Gehl No. 55 grinder/mixer, 4 bar hay rake; fiberglass tank field sprayer and booms; 2 McCormick 2 horse cultivator; Delinner 4 knife silage cutter; EZ Trail wagon and rigging on steel; 1 horse wagon on steel; double chain 28 ft. elevator; single chain 28 ft. elevator; Pioneer Fore cart, 1 yr. old; Homemade Fore cart; road cart; New Holland 68 baler for parts; John Deere LUC 15 hp. power unit; 6 can milk cooler with compressor; pump jack; 1 lot eveners; scrap pile; Farmall M steering gear; 2 stock tanks.

Consigned: John Deere model L manure spreader; Ontario 11 hoe grain drill; John Deere 2 horse cultivator; John Deere single bottom trailer plow; 4 section spring tooth harrow; No. 9 sickle bar horse mower; Blacksmith forge with blower.

FEEDER CATTLE AND DAIRY COWS

2 Jersey cows due by day of sale; 1 Jersey cow due in April; 12 head Hereford feeder steers and heifers 700-800 lbs.

HORSES AND HARNESS

12 yr. old Roan mare; 13 yr. old Bay mare to offered separate and together (machinery broke); 13 yr. old kids pony, 5 yr. old registered standardbred mare, traffic safe; double set work harness; single set work harness.

Consigned: 2 Belgium mares 8 & 12 yrs. old to be offered separate and together (machinery broke); double set work harness with bridles; 22" collars.

CONSTRUCTION EQUIPMENT

Amclo dual tank air compressor with Honda engine; 2 Makita 7¼ skill saws; 2 air drills; Paslo air framing nailer; Paslo air coil nailer; 4" jointer; 5 hp. Honda motor; air hoses; 2-009 Stihl chain saws; 1 lot misc.

FEED

Approximately 20 ton ensilage; approximately 400 bale 1st and 2nd cut hay; ear corn.

HOUSEHOLD GOODS
(WILL BE SOLD FIRST)

Pioneer cookstove with water reservoir and back shelf 3 yrs. old; Cherry step back wall cupboard with pie shelf; glass door wall cupboard; 2 drawer oak table; walnut drop front desk, hanging corner cabinet; wash stove with 48 gallon kettle to be offered separate and together; Maytag wringer washer; double rinse tubs; factory wood heat stove; 2 chest of drawers; oak wall shelf; cedar chest; 30 gal. galvanized wash tub; 1 lot misc. household goods; Marlin model 60 22 cal. semi automatic rifle; 4 burner oil stove.

Consigned: Orco model 70 rug loom.

OWNERS:

MR. AND MRS. JAKE HERSHBERGER

JIM BAER AUCTIONEER - REALTY
KEN BAER AUCTIONEER - SALESMAN
GORDON KOEHLER AUCTIONEER - SALESMAN
BILL BAER APPRENTICE

PUBLIC AUCTION

Saturday, Feb. 20, 1993

11:00 A.M. Sharp

Location between Pleasantville and Ryot, Bedford County, PA., off Route 56 at Pleasantville. Then south 1½ mile along Route 96 at the David and Lois Savidge property. Follow signs.

Real Estate At 11:00 A.M.

Approximately 148 acre farm. 110 acres tillable the balance pasture and woodland. Two story frame house, 6 rooms, bath, oil hot water heat, bank barn, garage, wire corn crib, farm used for beef and hog operation. Land in good state of cultivation (nice farm house).

Terms: 10% down day of sale, balance on delivery of deed within 30 days. Owner has right to accept or reject any or all bids. More complete details day of sale. Owner relocating.

DAVID AND LOIS SAVIDGE
814-839-4490
(for information)

Stanley Claycomb
AU-000-155-L Auct.
814-276-3272

AUCTION

Saturday, Feb. 20, 1993

At 9:30 A.M.
Doors Open 8:00 A.M. For Inspection
Catalyst Research
3607 Crondall Lane, Owings Mills, (North Baltimore), Md. 21117
DIRECTIONS: Rt. 795 To Owings Mills Blvd. (Exit 4, Registertown Rd.) Follow Owings Mills Blvd. Sign To Crondall Lane, Right To Auction Site On Left.

MACHINE & TOOL & DIE SHOP

Maxmill (Bridgeport Type) Baron Parts Cleaner Model MVR-425, (4) Drill Presses, (5) Multipress, Clausing 8"x24" Hyd. Surface Grinder, 6"x18" Doall Surface Grinder, Lindberg Heat Treat Oven, Hardage Super Precision Lathe, Southbend 16"x54" Lathe, Johnson Cut Off Saw 10", Grob 18" Vert. Band Saw, Plasmafix #50E Welder, P & H 200 Amp Plasma Welder, Pexto 16 Ga. x 48" Shear, Pexto 16 Ga. x 52" Finger Brake, Inspection Equip., Shop Tooling, Yale 4000 Lb. Fork Truck LP, Pallet Racking, Genie 19' Elec. Man Lift, (12) Ladders, 30"x72" Granite Surface Plate, Polaris 120 Vac Spot Welder, Quincy (2) 15 Hp. Dual Compresser, Onan Geset 30 KW Generator, 8 Drafting Tables.

OFFICE EQUIP.

Typewriters (11) Olivetti & IBM, 160 Filing Cabinets, 175 Lab Chairs, 150 Swivel & Arm Chairs, 120 Storage Cabinets, 100+ Storage Racks, 2 Safes, 4 Conference Room Units, 25 Office Units Sold Per Unit, 2 Overhead Projectors, 20 Folding Tables, 100+ Misc. Items.

MAINTENANCE DEPARTMENT

Electrical, Plumbing, Heating, Refrigerant, & Mechanical Supplies.

Shipping Area- Banding Tools, Cardboard Boxes, Packing Material, Shrink Rap Equip.

Chemical Lab- 43 Work Stations, Emergency Eye & Body Washes, Centrifuge, (4) Bausch & Lomb Microscopes, (1) Unitron-Elec. Microscope.

X-Ray Unit- Dian X-Ray With Del. Lab.

Electronic Lab- 34 Soldering Units, Oscilloscopes, Pulse Oximeter, Gould Logic Analyzers, Testing Equip. And Much More.

Computer Equip.- Printers, Hard Drives, Digital, Esprit, Ampex 210 Plus, Mitsubishi, Samsung, Okidata, Hewlett Packard, Comupro Main Frame, Sola UPS Supply.

This 88,000 Sq. Ft. Plant Has Too Much To List, Something For Everyone. Most Equip. 1978 Or Newer.

Terms: Payment In Full Day Of Sale. Cash, Certified Check, Money Order, Bank Letter Of Credit.

HARTLAND MACHINERY AUCTIONEERS
P.O. BOX 209
PORTERSVILLE, PENNA. 16051
412-368-9788

PUBLIC AUCTION

VALUABLE REAL ESTATE
"8.8 ACRE FARMETTE"
PERSONAL PROPERTY
FARM EQUIPMENT

SAT., FEBRUARY 27, 1993

Auction Time 11 AM

Location: 1529 Reading Rd. Located approx. 1 mi north of Bowmansville along Rt. 625 on left Brecknock Township, Lancaster County

Real Estate consists of 8 8 acres of land w/fenced pasture & stream. 4 bedroom sandstone & frame w/ siding home w/large eat-in kitchen, living rm , family rm , basement & attic storage 2 car attached garage **BANK BARN** only 10 yrs old w/box stalls & shop area

Quiet rural community Ideal country location back of highway. For details or farm plotting call auctioneers at 215-445-4309 or 717-733-1006. Inspection by appointment or open house Sats., Feb 6, 13, & 20 — 1-4 PM. Zoned Agriculture.

Note: The Brubaker's are moving to Wisconsin This is a great opportunity to purchase a small farm at auction. Terms are 10% down sale day, balance on or before April 30, 1993.

Terms by

PAUL Z. & ALDA N. BRUBAKER
215-445-4490

Auction conducted by
Randal Kline, Lloyd Kreider
Roy Good Jr., AU2116L
215-445-4309

KLINE, KREIDER & GOOD
AUCTIONEERS

PUBLIC SALE

Located approximately 6 miles North of McConnellsburg, Pa., along Rt. 522 to the village of Knobsville, then turn left onto Breezy Point Rd., approximately 1½ miles to sale, former "Norm Gress Farm." Watch for signs, on:

SATURDAY, FEBRUARY 20, 1993

At 10:30 A.M.

FARM MACHINERY - Deutz D6806 air cooled diesel tractor, 70 HP, good rubber, with front end loader; three 8-ton EZ trail wagons with 18' Meyers hay racks; Deutz Allis GP2.50 round baler; Deutz Allis HD490 hay baler with thrower; Deutz Fahr RS1.70 hay tedder; Zimmerman 40' hay elevator with 3 HP motor, 2 yrs. old; Taylor Way #650 transport disc, 12'; Deutz Allis SM70 RC disc haybine 10' cut; Gehl 325 tandem axle manure spreader with hyd. tailgate; Smoker 24' hay elevator with motor; 9' bush hog; J.D. harrow; round bale carrier; 6' King Kutter brush hog; tandem axle trailer with 14x6 flat bed; 3 "Like New" round bale feeders; 3 pt. post hole digger; 32' heavy duty aluminum ladder; 12' metal gate; new lumber; fence posts; water tank; wooden feed trough; new and used wire fence; barbed wire; push plow; aluminum storm windows; new metal porch post and railing; elec. fencers; metal roofing; load binder; nail kegs; 15" and 16" 6-ply tires; picnic tables; tool chest and boxes; cut nails; chains; bolts; nails, etc; two antique Pontiac bucket seats; numerous small items not listed.

HAY - Approximately 90 round bales, alfalfa and mixed.

AUCTIONEER'S NOTE - Only one wagonload of small items, so be on time. All machinery has been kept inside and ready to go to field. In case of bad weather, sale can be held under roof.

TERMS: Cash. ID required for bidder's number. Not responsible for accidents.

MR. & MRS. RAY HORNBAKER
Owners

Lyle Reed, AU-000-746-L.... Auctioneer

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

PUBLIC AUCTION

FARM EQUIPMENT - TRUCKS - FEW HOUSEHOLD GOODS

SATURDAY, FEBRUARY 27, 1993

9:00 A.M.

LOCATED: South of Rt. 81, Carlisle, PA Rt. 74, York St., 2½ Mile or 7 Mile North of Dillsburg Off Rt. 15 onto Rt. 74. Turn West on Springville Road, 1st farm on right. Watch for Signs.

TRACTORS & COMBINES

Int. 1066 Diesel Rebuilt w/3 pt. & W.F., Int. 856 w/W.F. & 3 pt., Int. 666 w/W.F. & 3 pt., J.D. 3020D w/N.F. & 3 pt., J.D. 2510G w/N.F. & 3 Pt., Farmall 400 Gas & N.F., Massey Ferguson 750D Combine w/Cab, Gear Drive w/12' Grain Head, M.F. 1163 - 6 Row Narrow Corn Head, New Idea 707 Uni Tractor Diesel w/737 Husker & 4 Row Narrow Head, Case 18168 Skid Loader.

VEHICLES

1986 Pontiac Parisienne, 4 Door, Air, Automatic, 1977 Ford F250 4x4, 4 Speed & Snowplow; 1976 Int. 1700 w/Flatbed; 1972 Int. Cab & Chassis; 1972 Ford F350 w/ Flatbed.

TILLAGE & HARVEST EQUIPMENT

Int. 730-5X Variable w/Plow, Int. 710-4 X 16 Plow, J.D. 4X - 3 pt. Plow, J.D. 215 Dura Cushion 12' Disc White 252-11' Disc. Brillion 12' Cultipacker, Dunham 11' Cultipacker, 3 Int. 9A Disc, J.D. 7000 - 6 Row Planter w/ Auger Fill- No Till & Insecticide, Oliver 6 Row Culti 3 pt., Case IH 5100 - 22 Double Disc Drill w/Grass Seed Box, Vicon 3 pt. Spreader, Gehl 100 Grinder Mixer - Hydraulic Drive, Vicon 461 Square Baler w/Kicker, New Idea 484 Round Baler, 3 Metal Side Thrower Wagons, Round Bale Wagon, New Holand 256 Roto Bar Rake, 2 Zimmerman 30' Elevators, New Idea 30' Elevator, 5 Bin Wagons, New Idea 362 Manure Spreader PTO w/2 Beaters, 2 Hesston 2000-150 Harvesters w/2 Row N.R. Heads, Grass Head & 2 R.W. Head, Case IHC 600 Silage Blower, 3 - 16' Silage Wagons w/3 Beaters & Roofs, Gehl 960, Meyers & Badger; Gehl 920 Front End for Silage Wagon, Int. 2000 Hydraulic Manure Loader, Johnson 500 gal. Sprayer - Truck Mtd., WIC Bale Chopper w/Honda Engine, 500 gal. Fiberglass Tank & Pump, Electric Welder, Drills, Air Compressor & Misc. Small Items.

MILKING EQUIPMENT

500 Gal. Mojonnier Milk Tank, Bender Transfer Station, Surge Rotary Vacuum Pump, 5 Deland 50 Lb. Milkers, Double Stainless Wash Tub, Etc.

ITEMS CONSIGNED BY NEIGHBORS

Farmall M, Oliver 88, Ford 9N, New Holland 461 Haybine, J.D. 14T Baler, Int. 45 Baler, Oliver 50 Baler, Int. 990 Haybine, D.B. Hay Rake, Int. 430 Baler w/Thrower, Int. Grain Drill, 3 pt. Hitch for Oliver 77 or 88, Wagon Load of New Farm Hardware.

HOUSEHOLD

Queen Size Bed w/Mirror & Storage Drawer under Bed, Wardrobe, Winter Console Piano - NEW 1975, Double Lazy Boy Recliner, File Cabinet, Crib, Playpen, Folding Table, Portable Washer, Kerosene Space Heaters, Electric Heaters, Blue Glasstop Coffee Table, Childrens Books.

NOTE: 9:00 AM - Wagon Load of Misc. Farm Items; 10:30 AM - Household Goods; 11:00 AM - Milking Equipment; 11:15 AM - Machinery, Tractors, Trucks. Balance of small items if any, sold after large equipment.

TERMS: Cash or Good Check. Full settlement day of sale.

Seller:

GARY & ELAINE SHUGHART
624 E. Springville Rd.
Carlisle, PA
717-243-1233

Auction Conducted By:
Rentzel's Auction Service
Emigsville, PA
717-764-6412
PA Lic. #761
Clerks: Wickard & Wickard

SAT. APR. 3 - 9AM, George And Doris Robinson Will Offer At Public Sale Household Goods, Antiques & Old Car & Pickup Truck. Located In Kreamer, Pa. (Snyder County). Ken Smith, Auct

SAT. APR. 3 - 9.30 AM Marshall Machinery Inc. Rt. 652 Midway between Indian Orchard & Beach Lake, Inventory Reduction Sale Farm Machinery, Tractors, Lawn & garden and industrial.

SAT. APR. 3 - 10AM, Robert Miller Co Inventory Reduction Auction Of Farm Equip & Lawn & Garden Located At North Cohocton, New York Pirrung Aucts. Inc. 716-728-2520

SAT. APR 3 - 10AM, To Settle The Estate Of Florence Fogleman, Household Goods, Antiques, Tools, Etc. Located Muncy, Pa. Oscar Kirkner, Exe Fraley Auction Company

SAT. APR. 3 - 12Noon. Estate coin auction. Held at Redmen Pavilion, Rt. 472 Market St., East, Oxford Boro Ches. Co., Pa. Estate of Harold M "Hick" Shivery. Whiteside Auction Service.

MON. APR. 5 - NY State Carrousel Sale, State Fairgrounds, Syracuse, NY. The Cattle Exchange

MON. APR. 5 - 3PM Antiques and household goods for Gladys Koster Etal. Brickerville Hire Hall, E.M. Murry Assoc , aucts.

MON APR. 5 - 6 30PM, Wholesale Furniture. Located At A&C Diffenbach Auction Inc , 100 West Jackson St , New Holland, Pa 17557. Alan Diffenbach Auct.

WED APR 7 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc. Toys. Located At A & C Diffenbach Auction Inc , 100 W. Jackson St , New Holland, Pa 17557. Alan Diffenbach, Auct.

THURS. APR 8 - 10AM, Lamb Sale. Located At New Holland Sales Stables, Inc , New Holland, Pa

THURS. APR. 8 - 1 30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

FRI. APR. 9 - Delaware County Calf & Bred Heifer Sale, Scotch Valley Stables, Stamford, NY. The Cattle Exchange.

SAT. APR. 10 - Public auction located 1¼ mi. North of Beaver Springs along Rt 235. Lawn & Garden equip , tools & household. Darwin Wilt, owner. Bryan D Imes, auct.

SAT. APR 10 - 131 acre farm & full line of farm machinery Located 2½ mi W of Duncannon. Take Rt 849 west at Clark's Ferry Bridge and watch for sale direction sign. Joseph X Lilley, owner. Long's Auction Service

SAT. APR 10, Furniture, Antiques, Personal Property Elam And Ruth Ginder, 3491 E-Town Rd., Elizabethtown John D Stauffer, Auct

SAT APR 10 - 9AM, Peiffer Hill Consignment Sale Of Lawn & Garden Equipment & Tractors. Located Church St., Thru Reamstown To Red Run Rd Turn Left To Steffy Rd Turn Left To Auction On Left Kline, Kreider & Good Aucts

SAT. APR 10 - 9AM, Pirrung's Spring Consignment Auction Of Farmer And Contractors Equip Located At Cohocton, New York Pirrung Aucts. Inc 716-728-2520.

PUBLIC AUCTION

Farm Machinery - Corn Silage - Front End Loader
Four Tractors - New Holland Discbine, New '92
Milking System

Auction Held For Russ Hill Farms

Wednesday, March 10, 1993

10:00 A.M.

Located in Chester County, PA, 3 miles South of Cochranville. At junction of Route 10 & Route 41 go South on Route 10. From Route 1 go North on Route 10 - two miles. On corner of Route 896 and Route 10.

3 Diesel International Tractors - A.C. D14

1086 International diesel 3580 original hours, 20-8r-38 radial tires, cab-rear weights, turbo-charged, 16 speed torque advanced; International 2350 loader with 8' bucket sells separate, 1000-540 P.T.O., dual outlets; 684 International diesel, wide front, 540-1000 P.T.O., good rubber; 886 International diesel,3000 hrs., 18-4-38 radial tires, like new front tires, full set of weights, torque advanced, dual outlets, 540-1000 P.T.O.; A.C. D14 gas, full set cultivators, tractor runs, needs some work; 10 HP International riding mower; stationary high moisture roller mill.

Barn Supplies - Semen Tank - Milk Cans

Milking system for double 4 milking parlor, stainless steel milk line, vacuum lines, receiver jar, milk pump, 4 DeLaval D.V. 300 milker units; NuPulse line washer sells separate, new 1 year; DeLaval V.P. 78 vacuum pump with retaining tank and electric motor; cooling compressor; 600 gallon Esco milk tank; Wic bed chopper; milk house supplies; 2 full 15 gallon detergent - sanitizer; 7 gallon teat dip; heat recovery system pre heater, 114 gallon; 16 week semen tank with approximately 30 straws of semen; approximately 20 milk cans; cow clippers; small refrigerator; large dehorner; 2 tunnel fans; 3 circulating fans; hay hook; New Holland 16' Mow conveyor; single chain Cardinal elevator; Winpower 45-25 portable generator; 2 Jamesway silo unloaders, 20' & 16', excellent cond., rebuilt in 92 also 16' unloader for parts; Farmmaster stationary feed mixer, Clay milking parlor parts; 8x20' flat truck bed.

Farm Machinery

Brillion 5 tooth 12' cut B.T.S. 5 deep tiller with gauge wheels, new '92, John Deere 6 bottom 1745-18" semi mounted plow; Bush Hog tandem wheel hydraulic fold up disc harrow; 2 single 8' cultipackers; 10' single cultipacker; New Holland 44 Discbine 9'9", new '92; **New Holland 254 tedder rake,** new '92; New Holland 276 baler with 58 thrower in good condition; 3 - 16' bale wagons, good condition; Little Giant 38' elevator; 2 New Holland No. 8 forage crop carrier wagons, 2 beaters, roof extension conveyors, rear unloading, 8½ ton gears, nice condition; Case International 600 forage blower, new 3 years; Gehl Hi-throw forage blower; John Deere 7000 conservation corn planter, dry fertilizer with Dickey John monitor; **5 gravity bin wagons,** 2 McCurdy 240 bushel with extension sides, EZ flow gears; Grove 30' elevator; 200 gallon boom field sprayer, Century, new pump '92; International 510 grain drill, 16 single disc openers, 7" small seed attachment, Ezee flow fertilizer drill; Clay 1500 gallon liquid vacuum spreader; John Deere 2 section spring tooth harrow; 3 pt. weeder; forage parts; **8' Bush Hog rotary mower, new '92;** 60' endless belt; drill press; more items not listed; iron piles; **approximately 600 ton corn silage will be sold per foot;** unloaders available to use.

Owner:
Dale Edwards

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
AU. 001349L

Petersheim Auctioneers

Food On Premises
AUCTIONEER'S NOTE: Machinery shed kept, field ready - well maintained

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. APR. 10 - 9AM Wolgemuth's Annual Consignment Auction. Located 4 miles west of Manheim, along Valley Road offf Hosler Rd., 10 min. from Rt. 283, Lanc Co. Pa. Wolgemuth Auction Service.

SAT. APR 10 - 9AM, Annual Spring Farm Equip. & Smalls Consignment Sale Located Bethel, Berks Co., Pa Dwight D. Miller, Auct.

SAT. APR. 10 - 10:30AM, Holstein Dairy Herd & Springing Heifers, Milking Equipment & Pipeline Milker Located Along Pleasant Valley Road, 1 Mile off Rt. 625, Between Bowmansville & Fivepointville In Brecknock Township, Lancaster County. Terms, Roy R. Messner LeRoy S. Horst & Paul W. Horst, Aucts.

FRI. APR 16 - 9AM, Farm Equipment & Supplies. Located At A&C Diffenbach Auction Inc , 100 West Jackson St., New Holland, Pa 17557 Alan Diffenbach Auct.

FRI APR. 16 - 7PM, Feeder Cattle Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. APR. 17 - Public auction of dairy heifers & feeder cattle located at RD 1 McClure, Pa. Durwood & Lynda Knepp, owners Bryan D. Imes, auct.

SAT. APR. 17, Real Estate, Antiques, Household Goods, And Tools. Located In Village Of Cambridge Anna Reed Nevin Martin & Sons, Aucts.

SAT. APR. 17 - 8:30AM, 20th Annual Equipment Auction Of Trucks, Trailers, Construction Equipment & Farm Equipment. Located At Garden Spot Auto Auction, Apple & Roberts Street, Ephrata, Pa. 17522. Sale Conducted By The J Omar Landis Auction Service, Jay M Witman, Auct

SAT. APR. 17 - 9:30AM Farm & vegetable equip , irrigation pumps & equip, tools Located at 317 Island Rd. off Rt 611, 10 miles S of Easton between Reigelsville & Kintnersville, Durham Twp, Bucks Co , PA (along the Delaware River). By Forrest W. Fox. Ralph W. Zettlemoyer Co., Inc., auct

WED. APR 21 & THURS. APR. 22, Large 2 Day Sale Of Farm Equipt , Etc. At Our Sales Lot Located Six Miles South Of Chambersburg, Pa , 1 Mile East Of Marion, Just East Off Rte. 81 Along Rte. 914. Owners, Jerrold & Gloria Oaks Marion Auction Service, 5174 Horst Rd., Chambersburg, Pa 17201.

FRI. APR 23 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. APR. 23 - 2PM 16 Pad mobile home park, plus double dwelling. at 1136-1140 Steinmetz Rd., Ephrata Borough, Lanc. Co., Pa. By Joseph E. & Sandra Stouffer. Horst, aucts.

FRI. APR. 23 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc , New Holland, Pa.

SAT. APR. 24 - 8AM, Real Estate, Antiques, Household Goods, Guns & Farm Machinery. Located In Mt. Pleasant Mills, Snyder County, Pa. At Selinsgrove Take Route 35 South 9 Miles To Crossroads, Make Left Onto Route 104 And Travel South 2 Miles, Make Right Onto Buckwheat Valley Road And Travel 1 6/10 Mile And Make Left Onto Dirt Road, Travel 6/10 Mile To Auction Site. Watch For Auction Signs Day Of Auction Estate Of Hulda P. Mengle. Roger A. Lauver & Dean E. Longacre, Aucts.

SAT APR 24 - 9:30AM Real estate, antiques and household goods for Robert W. and Katherine Landis 2860 Weaver Rd., Man Twp. E M Murry Assoc , aucts.

SAT APR 24 - 10AM, 17 Acre Farmette. Located One Mile North Of Hegins, Schuylkill County, Pa., From I-81, Exit 34 Road On South Side Of Mahantongo Mountain, Watch For Auction Sign At The Third Property. Owner, Irma R. Gable. Mike & George Deibert, Auct.

TUES. APR. 27 - 10AM, Antique Tractors. Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. APR. 30 - 6PM, Spring Heifer Sale. Located Belleville Livestock Market, Belleville, Pa. For More Information Call, Eugene Glick.

MAY

SAT. MAY 1 - 9AM, Ringo Hills Farm Machinery Auction. Located At Burtville (Potter Co.), Pa. Pirrung Aucts. Inc. 716-728-2520.

PUBLIC AUCTION

TRACTORS; COMBINES; TRUCKS; FARM EQUIPMENT

FRI., FEB. 26, 1993

At 10:00 A.M.

Located 8 mi. N of Easton, Lower Mount Bethel Twp., Northampton Co., PA Travel Rt. 611 N from Easton, 1 mi S of Martins Creek turn L onto Howell Rd., 3 mi. to Auction.

TRACTORS- White 4-150 Field Boss D tractor w/yr round cab; JD 4020 JD tractor w/ power shift & hyd. loader; JD 4020 D w/ tricycle; JD 4010 D w/tricycle; JD 3010 D w/ tricycle.

COMBINES - JD 6600 Side Hill w/ hydrostatic cab, 444 c head & 215 grain head; JD 4400 w/cab 444 c head & 213 grain head.

TRUCKS - 1975 Chevy C-65 w/hyd. grain dump body; 1971 Chevy C-60 w/hyd. dump body.

TILLAGE EQUIP. - White 7 bt. semi mt. spring reset plow (opens 14"-22"); Int. 700 5 bt. 16" semi mt pl; JD 230 hyd. wing transport disc; bale side wagon.

HAYING EQUIP. NI 299 mow/ditioner; JD hay rake; JD 214 baler w/kicker.

PLANTING & OTHER EQUIP. - JD 7000 4 r w no till c planter, MF 43 - 22 D disc grain drill; (2) Clark weed sprayers w/8 & 12 r booms; McCurdy gravity wagon w/10 ton gear; (3) 4 whl running gears; 1100 bu. legged grain holding tank; Bazooka 52'x8" transport auger; Fetrel 30'x6" transport auger; 90'x6" transport auger w/motor; NI 2 r mt c picker; (2) JD 4 r cultivators; hyd. cyls.; grain drying fans; Surge vacuum pump; (3) Surge milker units; plus many smaller items.

Terms - Cash or Acceptable Check.

Ordered by
ANDREW EHOUSE

Refreshments Available

PO Box 215 • Fogelsville PA 18051 • 215-395-4044 • License #AU001809 L

RALPH W. ZETTLEMOYER AUCTION INC.

PUBLIC SALE

OF REAL ESTATE

Saturday, February 27, 1993

12:00 NOON

Property located in the village of Walnut, approx. 6 mi. south of Mifflintown, just off Rt. 35, BUT WILL BE OFFERED FOR SALE at Juniata Markets, Jct of Rts. 75 and old 22, at the blinking lights, 1 mi. north of Port Royal, Juniata Co.

This 2 story frame home w/vinyl siding is located in a quiet country village on a nice corner lot with approx. 13,068 square feet and a 2 car garage. The first floor consists of a foyer w/open stairway, living room, dining room, den and kitchen w/ cabinets, laundry hook-up and dining area. The second floor offers 3 bedrooms and full bath. There is a large open front porch and a full length closed-in back porch. Heat is supplied by an oil hot water furnace, water supply is a drilled well and there is an on lot sewage system.

IF YOU ARE LOOKING FOR A NICE COUNTRY STYLE HOME - BE SURE TO SEE THIS ONE ON THESE SHOW DATES: January 30 & February 13 from 10 a.m. to 2 p.m. or Ph. 717-436-2758 or 527-4073 for an appt.

TERMS OF REAL ESTATE: 10% down at time of sale, bal. in 30 days. Other terms at sale. No out of state checks.

ALSO SELLING ANTIQUES, COLLECTIBLES, HOUSEHOLD ITEMS & MISC. at 9:00 A.M.

Owner,
MARTHA E. LINDENBERGER

Long's Auction Service
Ph. 717-527-2405 or 4458
AU001702L

PUBLIC SALE

SATURDAY, FEBRUARY 20, 1993

9:00 A.M.

Located one mile Northeast of Nine Points, two miles South of Georgetown. From Route 896 first farm on left along Vintage Road, Lanc. Co., Penna.

LIVESTOCK

One pair Sorrel 4 and 5 year old mules; One pair black 6 and 7 year old mules; One smooth mouth sorrel mule Three Sorrel, smooth mouth work horses. All Well Broke and Sound.

FOURTEEN home raised Holstein Heifers
Seven Bred- Seven 3 mo. to 14 mo. old. All Vaccinated.
Five Suffolk Ewes, One Suffolk Ram.

FARM EQUIPMENT

New Holland #310 baler; New Holland 7' trailer mower; New Holland #256 Hay rake; 30' elevator with Hydraulic motor.

New Idea #323 corn picker; McD #7 Ensilage cutter; New Idea #206 manure spreader, used one year since rebuilt; McD 8' grain binder, in good condition.

White Horse 2-way Hyd plow; McD p.t.o. corn binder with loader; John Deere 999 plateless corn planter, with Gandi applicators.

Zook two row cultivator; John Deere KBA 20 disc harrow; John Deere 8' spring harrow; John Deere 12' spring harrow; New Idea crimper; New Idea transplanter; Two McD riding cultivators; John Deere riding cultivator.

Two steel wheel wagons with 16' beds; Fisher 150 gallon sprayer with 10 row booms; E-Z Flow fertilizer drill; Ontario 13 disc grain drill.

Wiard #105 Walking plow; two rubber tired manure spreader wheels for New Idea #206 spreader; tomato baskets; potato cutter; potato shovels and bags; weeder.

Wisconsin VF 4 with reduction clutch, good condition; Wisconsin 9 h.p. with reduction clutch; Three Minnich tobacco presses; tobacco shears & spears; wheelbarrow.

Farrowing crates with stainless troughs; three Smidley 16-hole hog feeders; Gestation stalls; Ten Lambert pig heaters; air compressor, Kawasaki engine.

Slanti 8 H.P. Diesel; Three DeLaval milking units; Air clippers; milk cans.

Alfalfa Hay by the ton, Ear corn by the Ton. Some Household Items and Etc.

Two gas ranges; dressers; crib; Butchering Equipment Grinder with reduction clutch; Slicer; stuffer; Crocks; jars; 1,2,3,4,5 &6 horse hitches, 6 sets of front gears, large L.P. apple dryer, heater, bob sled and many articles too numerous to mention.

Owner,
JACOB K. MILLER

Sale at 9:00 A.M.
Diffenbachs, Auct. 225L
393-4464

Good Lunch Available

FARM MACHINERY AUCTION

Saturday, February 20, 1993

- 10:00 A.M. Sharp

Located 4½ miles East of Carlisle, PA, off Route 641 (Trindle Road), on Byers Road - off Route 81 at Exit 16 - 5 miles West of Mechanicsburg, PA.

TRACTORS - TRUCKS - TRAILER

Oliver 1950 - GM Diesel - 105 H.P. Wide Front (same as 2030)
Oliver 1850 - Perkins Diesel - Wide Front - Year round cab
Oliver 1650 Diesel - Narrow - 3 Speed
John Deere 401C with J.D. Loader Industrial
Ford 1984 - F250 - 4x4 - 351 V8 - 4 Speed
Chevy 1979 C-20 - 4x4 - 350 V8 - 4 Speed
Stolls 6x16 Stock Trailer.

HAY EQUIPMENT

New Idea 483 Round Baler - 1 Year Old
N.H. 479 Haybine
N.H. 469 Haybine
New Idea Cut-ditioner
N.H. 36 Ft. Elevator
I.H. 430 Baler with Thrower
Diller Pipe Rack Hay Wagon on 10 Ton Gear
2 - Wooden Rack Hay Wagons on 8 Ton Gears
N.H. Super 55 Hay Rake - Front Wheels
3 Pt. Wheel Rake (4)
Little Giant 28 Ft. Elevator.

PLANTING AND TILLAGE

Vermeer 18 Disk - No Till Drill - Pull Type - Very good shape
White 5x16 Spring Reset Plow with Leveling Rake
J.D. 7000 - 4 Row Conservation Planter - Dry Fertilizer - Good Shape
Spring Tooth Harrow
Ford 345 - 4 Row No Till Planter - Dry Fertilizer (same as Wht. 5400 Air Planter)
Oliver 3 Bottom Trail Plow
J.D. 7 Ft. Orchard Disk
J.D. B.W.F. Disk.

OTHER EQUIPMENT

I.H. 555 Harvester with 2 Row Wide - 2 Row Narrow and Dir. cut head
M.F. 260 Harvester - 2 Row Wide
Kasten 3 Btr. Self Unloading Wagon
2 - Gravity Bins on 8 Ton Gears
New Idea 208 Spreader
Grain Table and Throat for N.H. Combine
Case I.H. 600 Blower
PTO Dump Cart
Chemical Applicator for Baler
New Idea Ground Drive Spreader
Chevy Pick-up Bed
31 Ft. Grain Auger - 8 in.
2 - Round Corn Cribs (1200-1500 Bu.)
1200 Gal. Plastic Tank
5x5 Wood and Steel Hopper Feed Bin
7 H.P. Rebuilt Electric Motor
16x30 Shed (to be moved)
8 H.P. Riding Mower
2 - Snapper Lawn Mowers
Wood Stove
2 - Window Air Conditioners
80 Round Bales - 4x4 - Kept under Cover.

PLUS 3 WAGON LOADS OF TOOLS AND MISC. FARM ITEMS - TO BE SOLD FIRST

I.D. Required for Bidder's No.
Not Responsible for Accidents
Lunch Stand Reserved

Owner:
GALEN C. BYERS
150 Byers Road, Carlisle, PA
717-243-5768

Sale Managed By: Kling's Auctions, Inc.
R.D. 1, Box 66
Landisburg, PA 17040
Pa License #0500
717-789-3883 (Office)

KLING'S AUCTION SERVICE

PUBLIC AUCTION

OF 5 ACRE FARMETTE

SATURDAY, MARCH 13th

AT 11:00 A.M.

Located along Cambridge Rd., Salisbury Twp., Lancaster Co. From Rt. 322 Between Honey Brook & Blue Ball, Take Churchtown Rd. S. To Cambridge Rd. S. Or Take Cambridge Rd. N. Off Rt. 340 At White Horse.

DWELLING: 2½ story stone & frame: 1st flr. has modern eat-in kitchen; dining rm; living rm; w/stone stove insert; enclosed back porch w/powder rm. Dining room has French doors leading to lg. wooden deck, also LR & DR have lg. recessed windows w/28" sills. 2nd flr. has 4 bedrooms & bath.

OUTBUILDINGS: Workshop - (2 sty. block & frame, 30x42). 1st flr. is cemented and equipped for a woodworking business. 2nd flr. is insulated and used for storage.

Garage/Horse Barn - (2 sty. 38x34). 1st flr. has horse stables, garage and hay storage. 2nd flr. storage.

ZONING: A-Agricultural.

COMMENTS: House has been nicely remodeled, back yard is terraced. Lg. side play yard w/trees; also garden and pasture area.

TERMS: 10% day of sale; settlement on or before 7-1-93.

OPEN HOUSE: Saturday, February 20th from 2-4 PM or by appointment.

Terms By,

AMOS K. & NAOMI S. BEILER

HORNING FARM AGENCY, INC.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L HFA HORNING
Main Street, Morgantown
(215) 286-5183

PUBLIC AUCTION

6 TRACTORS & EQUIPMENT

(DISPERSAL OF 2 FARMS)

SAT., FEB. 20, 1993

9:30

Located between Intercourse & Gap, turn off 772 close to Pequea Valley H.S on Hershey Church Rd go 1 mi to sale. Lanc Co , Pa

TRACTORS: IH 766 Diesel Dual PTO 4700 hrs (one owner), IH 574 Diesel good rubber 4900 hrs. (one owner), Dunham Lehr Hyd Loader, Farmall 200 Fast Hitch; #100 7 ft Bar Mower, 7 ft Scraper Blade, Farmall Super M w/Pulley,

HAY EQUIP.: Deutz-Fahr KH-500 2 Row Hay Tedder, Pequea PTO Tedder, NH 273 Baler w/54-A Thrower, NH 283 Hayliner Baler w/Thrower & Hyd Tension; NH Running Gear w/16 ft Bale Wagon, JD Running Gear w/Blade Wagon; 2-Flat Bed Wagons, 7 Ton Chassis; 38 ft Little Giant Elevator, Steel Hay Feeder;

TILLAGE EQUIP.: IH 700 4x16 Auto Reset Semi-Mounted Plow; IH 55 9 Shank Chisel Plow, Krause 2242A 12 ft. Disc, 13 ft. Brillion Packer, McCormick #10 13 Disc Drill; 325 2 Row Corn Picker, 8 Ton Huskee Gravity Bin, NH 32 ft Elevator w/ Motor; Martin 1678 Tandem Scavenger Spreader, NI Tandem Spreader w/Liquid Tail Gate; IH 56 Blower,

225 Linc. Welder, Large Double Compressor w/ Tank & 2 hp. Motor; Portable Compressor, 275 gal Tank w/Pump; 300 gal Tank w/Electric Pump, Calf Hutch; 6 - Circular Barn Fans; 4 - ½ hp Motors; Echo PB-400 Blower & Mister; Fogmaster Fogger, Ritchie Waters; 36 ft. Alum Ladder; Gates; Lots of Lumber, Iron Kettle; Potbelly Stove; 5 Drawer Filing Cabinet, Metal Desk, 2 - Snapper Self-propelled Mowers, Air Tools; and Misc. Items

Terms by

GLENN & VELMA HERSHEY

717-768-8574

Additional Items for Daniel B. Landis

717-768-3830

IH 1456 Dual Wheels New Rubber Dual PTO 5500 Hrs. (Clean); Farmall 806 Diesel T/A 3 pt Dual PTO, Krause #2200 Rockflex 13 ft. Disc, Rinho 5 Shank Pull Type Chisel Plow; IH 10 ft Transport Disc; AC 12 ft. #1200 Field Cult. w/Clog Buster; 12 ft Packer, NH 479 Haybine 9 ft ; NH 78 Super Hayliner Baler, 16 ft Bale Wagon.

Auct's Note. Clean line of equipment, 2 wagons of small items then equip

AUCT'S. NOTE: Not many small items.

Auctioneers Robert E. & Jeffrey R. Martin
717-656-7770
Randall Ranck, App.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT MAY 1 - 10AM, Grade Heifer Sale Located At New Holland Sales Stables, Inc , New Holland, Pa

SAT. MAY 1 - 12Noon, Wenger's Annual Feeder Cattle Auction, Approx. 300 Head, All Sizes & Colors Located Port Trevorton, Pa Seller, Alvin Wenger. Fraley Au tion Company

WED MAY 5 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc. Toys. Located At A & C Diffenbach Auction Inc , 100 W. Jackson St., New Holland, Pa 17557 Alan Diffenbach, Auct

FRI MAY 7 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc , New Holland, Pa.

SAT MAY 8 - 9AM 1974 Chrysler New Yorker, 1960 Dodge dump body truck, snowmobile trls; Ferguson 30 tractor, MF 72 combine, farm equip, floral store equip & supplies, household goods & antiques In N Lehigh Co , next to Heidelberg Heights, Lehigh Co , Pa By Melvin & Elaine Hausman Ralph W Zettlemoyer, auct Co

FRI MAY 14 - 1 30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

SAT MAY 15 - 11AM Sharp Horse Sale, Draft, Driving And Mules Located At 834 Wallace Rd , New Holland, Pa Owner, Mel Hoover Abe Diffenbach, Auct

FRI MAY 14 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc., New Holland, Pa

WED. MAY 19 & THURS MAY 20, Large 2 Day Sale Of Farm Equipt., Etc At Our Sales Lot Located 6 Miles South Of Chambersburg, Pa , 1 Mile East Of Marion, Just East Off Rte 81 Along Rte 914 Owners, Jerrold & Gloria Oaks Marion Auction Service, 5174 Horst Rd , Chambersburg, Pa 17201

FRI MAY 28 - 1 30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

PUBLIC AUCTION

We the undersigned will sell at Public Auction. Located 4 miles south of Salem, Ohio or 4 miles north of Lisbon, Ohio to the St. Jacobs Rd. then west 1 mile to the Eagleton Rd. then north 1 mile to farm on:

SATURDAY, FEBRUARY 27, 1993 AT 11:00 A.M.

126 ACRE FARM 126

REAL ESTATE

SHOW DATE SATURDAY, FEBRUARY 13, 1993
1 TO 4 P.M.

To be offered in parcels and together, selling the way it brings the most.

PARCEL NUMBER 1: Consisting of 100 acres of land with approximately 60 tillable acres. Raised ranch home built in 1980. Three bedrooms, kitchen dinette, living room, full bath, garage, wood burning air tight forced air furnace, cemented cellar, 16x16 concrete deck with brick fireplace, 65 ft. drilled well, water softener, dishwasher, Butler 40x125 steel building, concrete floor with box stall accommodating loose housing for dairy herd and some machinery storage, 24x44 milking parlor building and milk house (double four herringbone parlor and milk equipment sells after farm.) 2400 bushel bin: 1200 basket Speedy crib; 24x24 pole building.

This is a good laying farm. Buildings are in a secluded setting off secondary road. Modern home and newer buildings, Leetonia Schools.

PARCEL NUMBER 2: Consisting of approximately 26 acres of land with 495 ft. of road frontage approximately 12 acres tillable and balance wooded.

TERMS ON REAL ESTATE: Fifteen percent (15%) of purchase price down day of sale and balance due upon delivery of deed and title guarantee. This farm sells to the highest bidder without reservation.

FARM MACHINERY

Farmall 400 tractor with rebuilt torque, Farmall 340 fast-hitch tractor; John Deere 24T baler with kicker; New Idea 279 cutditioner; New Holland 479 haybine; John Deere 34 manure spreader; Myers bale wagon with 8 ton Kill Bros. gear; two Coby bale wagons; Coby box wagon and gear; New Idea wheel rake; Woods M5 Dixi cutter; Int. balanced head sickle bar mower; John Deere 21 hay crimper; Rhino 6 ft. blade; Century 200 gal. sprayer; N.I. lime spreader; 3 pt. bale spear; 3 pt. pallet jack; Shaver post driver; John Deere 1[illegible] ft. transport disc; Farmall fast-hitch post hole digger; fast hitch 3 pt. adaptors; 8' pick up truck cap; 275 gal fuel tank with stand; [illegible] lot chicken equipment; woven, snow & hi tensile fencing; 2 horse saddles; steel office desk; 50,000 btu space heater (nearly new); sheep hay feeder; sheep self feeder; lamb creap gate; adjustable sheep blocking stand; 180 gal. stock tank; 2-40 gal stock tanks; round bale feeder; electric fencer; 2-4x18 wire panels, 10, 12 & 14 ft steel gates; New 16' Lowboy trailer with brakes & ramps, lg Aurora drill press, 10' roller conveyor; steel anvil; 5 hp MTD rototiller, canvas heat houser for IHM.

MILK EQUIPMENT

Zero 250 gal. bulk tank with compressor; Surge Alamo model [illegible]5 vacuum pump; DBI 4-place Herringbone parlor system, Single stainless steel pipeline w/mini cup unit, receiver jar, pump

REGISTERED & PUREBRED JERSEY DAIRY HERD

Fifteen (15) registered Jersey cows from 2 to 5 years of age in various stages of lactation. Four purebred Jersey cows 2 to 5 years old 8 registered and purebred Jersey heifers, 3 to 13 months old 5 registered and 1 purebred short bred Jersey heifers, (Five (5) of the above are due in February, 2 in March, 2 in April etc.) (Short bred exposed to bull since November)

Cows are bred to Boomer, John, Malcolm, Hermitage, Lawman Cows are out of Welcome View Duncan Great, Magic Apollo, Bold Venture, Mayfield Volunteer, Soldier Boy Boomer Sooner and others. Health papers will be furnished day of sale.

JOHN C. AND DEBORAH R. SIEMBIDA OWNERS

JIM BAER AUCTIONEER - REALTY
KEN BAER AUCTIONEER - SALESMAN
GORDON KOEHLER AUCTIONEER - SALESMAN
BILL BAER APPRENTICE

PUBLIC AUCTION

MONDAY
MARCH 1, 1993
9:00 A.M.

(Watch For Expanded Listing Weekly)

LOCATION: Lebanon Area Fairgrounds, corner of Rocherty & Cornwall Roads, Lebanon, Lebanon County, Pa., from Rt. 72 South of Lebanon, turn left onto Rocherty Road, or from Rt. 72 North of Quentin, turn right onto Rocherty Road to Fairgrounds on right.

TRACTORS

John Deere 3010 diesel; John Deere 2010 w/loader; Case 811B gas w/wf; AC G w/R. Mo; Toyota 62-4FGC25 forklift (LP gas, 4150 lbs. lift capac., side shft., 929 hrs., sharp); Auston Western 10T 3 whl. roller w/6 cyl. gas eng; Gradall truck mtd. hydrl. excavator.

TILLAGE

White 3242 3x16" plow; Ol 3x14" pull plow; Ford 2x 3 pt. plow; AC 2500 16' bi-fold disc; JD 1600 10' pull ch. plow; JD 400 21' R. hoe; JD 7' 3 pt. R hoe; Int. 45 18' pull fld. cult; White 285 18' pull fld. cult; Int 45 12' 3 pt. fld. cult; NH OD100 12' offset disc w/lift & levelg cyl., JD 9' offset disc; Int 500 14' plowing disc; 6' 3 pt. disc; JD RM 6 3 pt. cult; Dunham 14' cultipacker w/transport.

PLANTING & HARVESTING

JD 38 harv. w/hayhd; NH 890 harv. w/2RN & hayhd; NH 451 7' 3 pt. sickle Mo., JD 1500 3 pt. power-till renovator; Grav. Flow wagon; Mayrath 40' grn. & corn elev: Little Giant 24' elev; NH 960 15' grnhd; Hesston 1180 disc type Mo/cond , Buffalo 2R 3 pt planter; Hesston 10 stacker, Hesston 10W stackmover; Kools hopper blower; JD 32'x8" PTO auger; 1R pot. planter; 2R pot. planter.

OTHER EQUIPMENT

Bush Hog 7' box blade; Skibee 3 pt. spin sprdr, (new) Chevy 8' Fleetside truck bed; Rhino 15' flex wing R. Mo; Danuaser portable post driver; Caldwell 15' wing-fold R. Mo; Woods RM 500 Mo; Woods RM 600 Mo; Deutz-Allis RM 72 Mo

CONSIGNMENTS WELCOME!

NOTE: we will be in the field by 10:00 A.M Tractors & machinery are mixed in the field We are accepting consignments on location February 25, 26 and 27, 9:00 AM til 3:00 P.M We will be loading equipment March 1, 2 and 3, 9:00 A.M. til 3:00 P.M. All items must be removed by March 3, 1993. Some items subject to prior sale. All items are sold "AS IS" and "WHERE IS" without any quarantees expressed or implied.

TERMS: CASH, complete payment auction day. Checks accepted with bank letter of credit.

AUCTIONEERS:
Harry Bachman (717-867-1809) AU-000033-L
Glenn T Wenger (717-866-2130) AU-002510-L

DAVID WENGER
717-866-2135

GLENN WENGER
717-866-2130

LEBANON VALLEY AUCTION COMPANY INC.
138 College Avenue
Annville, PA 17003
RY 000014-L

HARRY BACHMAN
717-867-1809

DENNIS GRUMBINE
717-272-4641

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT MAY 29 - 10AM, PB Hfr Sale Located At New Holland Sales Stables, Inc , New Holland, Pa

JUNE

WED JUN. 2 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc Toys. Located At A & C Diffenbach Auction Inc., 100 W. Jackson St., New Holland, Pa 17557. Alan Diffenbach Auct.

FRI. JUN 4 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI. JUN. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

WED. JUN. 16, Dairy Promotion Sale. Located Belleville Livestock Market, Belleville, Pa. For More Information Call, Eugene Glick.

WED JUN 16 & THURS. JUN. 17, Large 2 Day Sale Of Farm Equip , Etc. At Our Sales Lot Located 6 Miles South Of Chambersburg, Pa , One Mile East Of Marion, Just East Off Rte. 81 Along Rte 914 Owners, Jerrold & Gloria Oaks Marion Auction Service, 5174 Horst Rd , Chambersburg, Pa 17201

SAT JUN 19 - 11AM Sharp Horse Sale, Draft, Driving & Mules Located At 834 Wallace Rd , New Holland, Pa Owner, Mel Hoover Abe Diffenbach, Auct

FRI JUN 25 - 1 30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

TUE JUN. 29 - National Convention Sale, Rochester, NY Now Selecting The Cattle Exchange.

JULY

FRI. JUL 2 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI JUL 9 - 1.30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. JUL. 17 - 11AM Sharp. Horse Sale, Draft, Driving & Mules Located At 834 Wallace Rd., New Holland, Pa. Owner, Mel Hoover Abe Diffenbach, Auct

FRI JUL 23 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

AUGUST

FRI AUG 6 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

FRI AUG 13 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT AUG. 21 - 11AM Sharp. Horse Sale, Draft, Driving And Mules Located At 834 Wallace Rd., New Holland, Pa. Owner, Mel Hoover. Abe Diffenbach, Auct.

FRI. AUG. 27 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

SEPTEMBER

FRI. SEPT. 3 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc , New Holland, Pa.

FRI. SEPT. 3 - 9AM, Fall Machinery Sale Located Belleville Livestock Market, Belleville, Pa. For More Information Call, Eugene Glick.

FRI. SEPT 10 - 1 30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

SAT. SEPT. 18 - 11AM Sharp. Horse Sale, Draft, Driving And Mules. Located At 834 Wallace Rd., New Holland, Pa. Owner, Mel Hoover Abe Diffenbach, Auct

FRI. SEPT. 24 - 1 30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

SAT. SEPT. 25 - 10AM, Fall Hfr. Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

OCTOBER

FRI. OCT. 1 - 7PM, Feeder Cattle Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

PUBLIC AUCTION

Betz Milking Herd & Bred Heifer Dispersal Located On Farm In Turbotville, Pa. Auction Arrows At Junction Of Rts. 44 & 54. (Nth'd. Co.)

TUES. FEB. 23, 1993

starting 11 a.m.

68 Holstein Dairy Cattle 68

(13 Registered - 55 Hi-Grades - 1 Jersey) Herd consists of 54 milking age, 10 springing heifers, 4 started calves. 27 1st & 2nd calf heifers. 10 fresh Dec. & Jan., 5 due sale time. 28 bred for July, Aug., Sept., balance for year round.

12-92 R.H.A. 18,255m 3.7% 676F 3.2% 588P 14 milked from 70 to 108 for Dec. Test. Individual records up to 30,000m & 1208F. Cows averaging 58 lbs. per day.

SAMPLE OF THE KIND THAT SELLS:

Blair: Reg. Sundancer dau. proj. over 21,000 from 23,000 lb. Columbus due in May to Ryan.
Clair: Reg. had 82 lbs. for tester. Proj. to 19,000. Sells with 10-92 Prompt heifer calf.
#2: Grade had 108.5 lbs. for Dec. test.
Snuggles: Sire: 8H0344 had 99.5 lbs. 3.8% test proj. to 21,000 & 758.
Jean: Reg. from Chairman Son had 95 lbs. As a 2 yr. old 284 days 17,472 3.8%.
Heifer: Big fancy grade VanGuard heifer due 3-15 to Tong from Jemini dam w/2 records over 20,000 & 800F.
Jersey: made 15,000m Proj. over 800F. Due in Aug. milking 50.

- Many more of the same caliber sell.
- Atlantic & Sire Power breeding including: Ryan, Tong, Mich, Manager, Kaj, Symbol, etc. Service Sires include: VanGuard, Chief Stewart, Aries, Ringer, Sammy, etc.
- This is a good milky herd of cows making records on not the best hay. Milked in tie stall barn, outside everyday.

DHIA Records - Catalogs at Ringside
Certified & Accredited -
30 day health charts
Preg. checked - Calfhood Vacc.

Terms: Cash or good check day of sale. Out of state buyers must have current letter of credit guaranteeing funds.

OWNER:
WILLIAM BETZ
Turbotville, Pa.
(717) 649-5723

Conducted By

FRALEY AUCTION CO.
Licensed & Bonded
RD 4, Muncy, PA 17756 - RY71L
(717) 546-6907

PIGS

STATE GRADED SALE
Pseudorabies Free
FRI., FEB. 19
1:30 P.M.
WESTMINSTER
LIVESTOCK AUCTION
Westminster, MD
Sales Every 1st & 3rd Friday
Phone (410) 848-9820

PUBLIC SALE

Exceptional Southern Lancaster County 175 Acre Dairy Farm
Farm Machinery, Household Goods

Friday, March 12, 1993

10:00 AM

LOCATED at 236 Cedar Hill Road. Take Rt. 272 South from Lancaster, this enters 222 South, approx. 3 miles South of Wakefield turn left on Little Britain Road, left on Cedar Hill Rd. Fulton Twp., Lancaster County.

PROPERTY CONSISTS OF: 135 Acres tillable, 35 A pasture, & 5 A. woods, Dairy Barn, Heifer Barn, 2 Implement Sheds, Hog Pen, Corn Barn, Milkhouse & 3 Silos, Stream-Pond, Chester Loam Soil. 2½ STORY FARM HOUSE consists of 5/6 Bedrooms, 2 Baths, Brubaker Custom Kitchen, Dining Rm, Living Rm, Family Rm w/walk-in stone fireplace, Hardwood Floors throughout.

TERMS: 10% down day of sale, balance at settlement.

PROPERTY OPEN for inspection Sat's Feb. 27 & March 6 from 1-4 PM or phone Auctioneer (717) 786-4066. Real Estate to be offered at 1:00 PM. Not responsible for accidents. No out of state checks. Food served.

Sale by
ROBERT & BETTY MYERS

Attorney: Kenneth Covelen
Auctioneer: Gary L. Shirk
AU002092-L
(717) 786-4066
For Your Sale Call "THE HIGHER CALL"

THE HIGHER CALL
Gary L Shirk, Auctioneer

Green Dragon Livestock Sales

Located 1 Mi. N. On North State St., Ephrata

Sale Every Friday

11:00 A.M. Beef
7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

PUBLIC SALE

OF 22 ACRE FARM, FARM EQUIP., HOUSEHOLD ITEMS, GUNS

Saturday, March 13, 1993

At 9 A.M.
(Real Estate - 11 A.M.)

Located between Manheim & Mastersonville, ½ mile off Colebrook Rd., at 1940 Sunnyside Rd.; Rapho Twp., Lancaster Co., PA.

22 ACRES

more or less, w/13 A under cultivation & 9 A in meadow, woods, spring-fed stream & large pond. 40x44 ft. POLE BARN w/ addition. Also, a 2-STORY LOG & FRAME DWELLING w/Siding containing 6 rooms plus bath and a laundry attached. Oil-baseboard heat.

Persons wishing to view property may do so Sat., February 13 & 20, from 10 AM to 2 PM or by calling 665-4395 for an appointment.

Sale by:
MABEL S. HOFFER
Young & Young, Attorney
Auctioneers:
Curtis Shenk (665-4136) #AU-002691-L
Robert Wolgemuth
R. Terry Matthews (Apprentice)
Food Stand By Mastersonville Fire Co.

HOLSTEIN HEIFER SALE

On the Dr. Miller Farm just west of Woodsboro in Frederick County, MD. From U.S. Rt. 15 south take Rt. 550 east to Woodsboro, turn right on Rt. 194, go ½ mile to Gravel Hill Rd. (by Georges Yellow Sign), turn right go 1½ miles to farm on left. From Frederick, MD Take U.S. Rt. 15 north and bear right on Rt. 26 east. Go to 2nd light, turn left on Rt. 194, go to Woodsboro and turn left on to Gravel Hill Rd. Watch for sale signs.

WEDNESDAY, FEBRUARY 17, - 10:30 A.M.

(Snow Date Feb. 24)

200 HIGH QUALITY HOLSTEIN HEIFERS SELL
98% A.I. SIRED - 100% VACCINATED - 85 BRED HEIFERS,
Due from sale time to Sept. - 50 HEIFERS Ready to Breed.
50 HEIFERS 12 mos. - 15 Heifers 5-6 mos.

SIRES INCLUDE

Tesk Holm Valiant Rockie (8), Coldsprings Levi (21), Ca-Lill Belltone (15), Applenotch Bell Goliath (20), Potts Southern Man-Twin (15), Old-Town Pac Man-ET (10), Crescentmead Gold Nugget (10), Other A.I. Sires include Bell Troy, Majesty, Maveric, Ares, Count, Trifecta and many others.

DAMS RECORDS

10 sell from dams w/25,000 to 29,540 milk 8 from 1000 to 1128 fat; 52 sell from dams w/20,000 to 24,980 milk, 38 from 800 to 998 fat; 35 sell from dams w/18,000 to 19,990 milk, 50 from dams over 700 fat.

Sale Manager's Note: This sale offers high quality holstein heifers regardless of your needs, you won't be disappointed. They are 100% vaccinated, 98% A.I. Sired and bred 100% to easy calving sires. This is one category the Bealls watch very closely. Be with us on Feb. 17th.

Tested for Interstate Shipment - Examined for Pregnancy - Catalog Available - Sale in Heated Building - I.D. Required for Bidder's No. Not Responsible for Accidents.

TERMS: Cash or Honorable Check Day of Auction.

Owners:
BEALL SONS INC.
10100 C. Woodsboro Pike
Walkersville, MD 21793
PH: 1-301-898-7777 1-301-898-3463

Sale Manager
410-489-7121
Auctioneer: Denny Remsburg
301-473-8214

NH CATTLE CO.
15905 Union Chapel Road
Woodbine, Maryland 21797
Phone: 410-489-7121

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

BELLEVILLE LIVESTOCK MARKET
SPECIAL SPRING HORSE SALE
SATURDAY, FEB. 20, 1993
TACK 9:00 A.M.
HORSES 11:00 A.M.

-Several mated teams already consigned.
-Load of Work horses consigned.
-Several loads of driving horses.
-A good load of Western Mules.
-A good load of mated Western Horses.
-Also a selection of riding horses and ponies.
-All consignments are welcome.

We will have buyers for your meat horses and the Hayloft restaurant will be open for breakfast.

For more info:
(717) 667-2703 Gene Glick
(717) 935-2146 Sale Barn
SPRING FARM MACHINERY SALE
MARCH 5, 1993 AT 9:00 A.M.

Belleville Livestock Market
ANNUAL SPRING MACHINERY SALE
FRIDAY, MARCH 5, 1993
AT 9:00 A.M.

We will be selling on consignment our usual run of horse drawn and conventional farm equipment of all types. Several loads of new tools to be sold starting at 9:00 AM. A new load of horse drawn machinery consisting of several harrows, foretrucks, and some new wagons will be selling. Hay, straw and tractors to sell at 1:00 PM. Consignments are welcome on Thursday, March 4, 1993 until 5:00 P.M.

NO CONSIGNMENTS ACCEPTED ON SALE DAY
For more info: (717) 935-2146 or (717) 667-2703

Dairy and Livestock Sales

FRI. OCT. 8 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. OCT 8 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc , New Holland, Pa

FRI. OCT. 15 - 7PM, (Tentative) 33rd Annual Central Pa Co-Op Feeder Sale Located Belleville Livestock Market, Belleville, Pa For More Information Call, Eugene Glick

FRI. OCT. 22 - 1.30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511.

FRI. OCT. 22 & SAT. OCT. 23, Prison Ministry Auction. Farmersville. John D. Stauffer, Auct

SAT OCT. 23 - Progress of Pen-Col 3rd Edition, Dennis Wolff, Millville, Pa. The Cattle Exchange.

WED. OCT. 27 - 11AM-Sale 9AM- Judging Dairy Show Located At New Holland Sales Stables, Inc , New Holland, Pa

NOVEMBER

FRI. NOV. 5 - 6PM, Fall Heifer Sale Located Belleville Livestock Market, Belleville, Pa For More Information Call Eugene Glick

FRI NOV. 5 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc , New Holland, Pa.

FRI. NOV. 12 - 1 30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc , Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

Pennsylvania Draft Horse and Mule Sale
February 18, 1993
Blizzard Date - February 19, 1993

Pennsylvania State Farm Show Building - Corner of Cameron and McClay Sts., Harrisburg, Pa.
Tack - 8:00 A.M.
Horses - 12:00 Noon

Terms - Tack and Draft Horse related items - 15% - with maximum commission $75.00.

Horses - 6% commission - maximum commission $180.00 $60.00 No Sale Fee.

Will accept consignment up to 11:00 A.M. February 18, 1993. Horses will be sold in order of consignment.

Negative Coggins test and health papers within 6 months must accompany each horse, please have foal papers in order.

Note - Non catalog consigners - you must give us one week notice so proper number of stalls are available - otherwise you will have to sell off your truck.

Elmer D. Lapp
5080 Martin Rd.,
Kinzers, Pa. 17535
717-768-8177

W. David Keller
RD #2 Box 1
Hummelstown, Pa. 17036
717-566-0529

We expect 100-125 head including registered & grade Belgians & Percherons. Also several good young mules.

14th ANNUAL
HORNING'S PUBLIC SALE
OF FARM MACHINERY & TRACTORS
EPHRATA, PA.

Located along Meadow Valley Rd., between Ephrata and Rothsville. Signs posted on Rt. 272 South and 322 West of Ephrata day of sale. Lancaster County, Ephrata Township, PA.

TUESDAY, FEBRUARY 23, 1993
At 9 A.M. Sharp

JD TRACTORS
JD 2550 Diesel w/Reverse
JD 2940 Diesel R.O.P.S. Fully Eq.
JD 2750 Diesel Ind. PTO T.S.S. Trans.
(72) JD 3020 Diesel S C. Dual Hyd. W F.
2 JD 4020 P.S Diesel W F.
(68) JD 4020 Snyro Diesel W F D Hyd
JD 2140 Diesel S G B. Hi. Lo. Engine Rebuilt
JD 1530 Diesel w Ind PTO
JD 317 Hydro 17 H P. Riding Mower
JD 214 Gear Drive 14 H P. Riding Mower

FORD TRACTORS
Ford 7600 Diesel, Dual Power
Ford 2610 Diesel PS
Ford 641 Gas 3 Pt.
Ford 9N Gas 3 Pt.
Ford 800 Fork Lift

MF TRACTORS
MF 35 Gas P S. 3 Pt
MF 35 Diesel 3 Cyl P S
MF 35 Gas

IH 856 Diesel T A. W F
Same Drago 90 H P. 4x4 w Cab
Oliver 770 Diesel

ANTIQUE TRACTORS
JD 720 L P Gas 3 Pt
Oliver 70 Gas
2 Earth Master Model C
JD 420 W F. 3 Pt Low Clearance

TRUCKS
1981 Chevy C30 - 6 2 Diesel Roll Back

BALERS WITH THROWERS
NH #316 w #70 Thrower, like new
NH #316 w #75 Thrower
NH #310 w #70 Thrower
NH #346 w #30 Thrower
JD #336 w #30 Thrower
NH #70 Thrower
2 - NH #75 Throwers

BALERS WITHOUT THROWERS
NH 315
NH 311
JD 327
NH 273
NH 275
NH 268

ROUND BALERS
NH 855 Auto. Wraps
FNH 853 Fast Net
NH 849 Auto Wrap

DISC BINES, HAYBINES & MOWER CONDITIONERS
12 Ft.
NH 1495 S P. Hydro, Diesel Cab, Air, Late Model Haybine
NH 499 Hydro Swing Haybine
9 Ft.
FNH 492 Haybine, like new
2 NH 489 Haybines
3 NH 488 Haybines
2 NH 479 Haybines
Deutz Allis SM70-RC Disc Bine
2 JD 1219 Mower Conditioners
2 JD 1209 Mower Conditioners
NH 411 Discbine
7 Ft.
NH 474 Haybine
NH 472 Haybine
NH 478 Haybine
2 NH 477 Haybines

HAY INVERTER, CONDITIONERS & MOWERS
NH 456 Mower Trailer
2 NH #455 Mowers Trailer
2 IH 1100 Mowers Trailer
IH Fast Hitch Mower
NH 451, 3 Pt Needs Parts
3 NH 402 Conditioners
NH 144 Hay Inverter

RAKES & TEDDERS
JD 662 Rake Rolabar
JD 660 Rake w Dolly Wheels Rolabar
JD 660 Rake Rolabar
NH 258 Rake Rolabar
NH 256 Rake w Dolly Wheels Rolabar
2 NH 256 Rakes Rolabar
2 Deutz Allis K S 1 50 Spin Rake Pull
Deutz Allis K S. 200 Spin Rake 3 Pt
Claas Spin Rake Pull
Wheel Rake 5 Wheels
NI Rolabar Rake
Neimeyer 16 Ft Tetter Pull
Fahr Tedder Pull
Kuhn GRS 25 Rake, Tedder Com
2 New Tedders Pull Type
JD 5 Ft Rotary Mower 3 Pt
2 IH 6 Ft Rotary Mowers 3 Pt

FORAGE HARVESTERS
JD 3970 w Ele Con 2N Corn Head 7 Ft Hay Head
JD 3950 w Ele Con 2N Corn Head 5¼ Ft. Hay Head
JD 3960 w Ele Con. 2W Corn Head 5¼ Ft Hay Head
NH 892 w Ele. Con 3N Algar Base Corn head w 880W Hay Head
2 NH 782 Ele. Con. 824 Corn Head 1 machine is 540 RPM & 1 is 1000 RPM with NH 790W & 770W Hay Heads
NH 890 Base Unit
NH 770 w 2W Corn Head
2 NH 718 Ele Con w 770 N2 Corn Head, NH 770W Hay Heads

WAGONS
Artsway Dion 3 Beater w Roof
2 New 18 Ft. Hay Wagons
2 New 18 Ft Flat Bed Wagons

SILAGE BLOWERS
Case IH 600, like new
NH 28
NH 30
2 IH 56

CORN PLANTERS
JD 7000 Cons. 6 RN Dry Fert , Monit
JD 7000 Cons 6 RN Liqd Fert Frame Coulter, Monit
JD 7000 6 RN Liqd Fert
NI Kinze 4 RN Dry Fert
JD 7000 4 RN Dry Fert , Monit.
White 5100 No Till 4R Dry Fert , Monit
White 5100 No Till 4R Liqd Fert , Monit
IH 800 Early Riser 4R Dry Fert Plate
AC 333/6R Dry Fert
JD 1250/6R Dry Fert Plateless
2 JD 1240/4R Dry Fert Plateless
2 IH 56/4R Dry Fert
IH 455/4R Dry Fert
JD 494A 4R Dry Fert

DISC CHISELS
JD 710/7 Tooth Disc Chisel, Nice
2 Glenco 7 Tooth Soil Saver, Nice
Brillion 9 Tooth Disc Chisel
Case 7 Tooth Soil Controller
Ford 3 Pt 9 Tooth Disc Chisel
Brillion 5 Tooth Disc Chisel
All Have Spring Resets

DISC HARROWS
JD 630 Level Action 14 Ft , like new
JD 310/14 Ft
JD 215/15 Ft , Nice
JD 210/14 Ft w Mid West Rake
JD 210/11 Ft.
White 253/18 Ft. w Wings
White 264/13 Ft.
JD-T.W.A. 14 Ft Plowing Disc
Krause 15 Ft Rock Flex
JD 111/12 Ft
MF/19 Ft w Wings
JD A W 12 Ft
2 Oliver 252 & 241/10 Ft
IH 8 Ft.
JD R W. 8 ft
JD KBA 24 Blade Pull
Heavy 3 Pt. 11 Ft Disc

CULTIMULCHERS
Brillion 14 Ft
2 Brillion 12 Ft.
Brillion 10 Ft
2 JD 950/12 Ft
IH 315/12 Ft

PACKERS & PACKER SEEDERS
Brillion 10 Ft Packer Seeder Transport
Brillion 8 Ft Packer Seeder
Brillion 15 Ft Packer Transport
Brillion 12 & 14 Ft Packers
Brillion 12 Ft Crow Foot Rear Trans.
Brillion 10 & 11 Ft Packers
Brillion 9 Ft Packer

GRAIN DRILLS
2 JD 8300/21x7 DD Grass Seed 1 with Press Wheels
JD 8200/21x7 DD Grass Seed
IH 5100/16x7 DD

FIELD CULTIVATORS
IH 4500/20 Ft Hyd. Wing Fold. Trans
Brillion 16 Ft w Wings, Trans. Late Model
3 IH 45/20 Ft w Wings Trans
AC 1200/18 Ft w Wings Trans
IH 45/12 Ft Trans
IH 45/9 ft Trans
IH 45/18 Ft w Wings 3 Pt

CHISEL PLOWS
IH 5500/11 Tooth 3 Pt
Dunham 10 Tooth Trans
IH 55/10 Tooth Trans.
Brady 10 Tooth Trans.
3 Bush Hog 8 Tooth 3 Pt
Glenco 7 Tooth 3 Pt.
Brillion 7 Tooth 3 Pt. Late Model
2 IH 55/7 Tooth Trans.
Tebben 3 Tooth Ribber Reset
IH 55/7 Tooth 3 Pt.
Glenco 7 Tooth Trans 3 Pt 5 Tooth

PLOWS
5 Bottoms All Semi Mounts
White 598 Vari Width 5 B Spring reset
JD 2600 Vari Width 5 B Spring Reset
IH 720 Spring Reset 5x18
IH 710 Spring Reset 5x18 w Rake
IH 710 Trip 5x16
JD 2500 Spring Reset 5x18
JD Hyd Reset 5x16
JD 1350-1450 Trip 5 B
IH 700 Trip 5x16
4 Bottoms All Semi Mounts
White 588 Spring Reset 4x18
White 508 Spring Reset 4x18
2 IH 720 Spring Reset 4x16
IH 710 Spring Reset 4x18
2 White 508 Reset 4x18
MF 880 Spring Reset 4x16
Ford 151 Reset 4x16
2 JD 1350-1450 Trips 4x18
Case Trip 4x16
IH 540 Trip 4x16
1-2-3 Bottom Plows
2 IH 450 Spring Reset 3x16 - 3 Pt
White 348 Spring Reset 3x18 - 3 Pt
2 IH 710 Spring Reset 3x16 Semi
MF 57 Trip Roll Over 3x16
White 508 Trip 3x16 Semi
Ford 150 Trip 3x16 - 3 Pt.
IH 710 Trip 3x16 Semi
Oliver 546 Reset 3x16 semi
Oliver 3 Pt 3 B
JD 3 Pt. 3 B
Ford 3 Pt 2 B
Ford 3 Pt 1 B
Cub Fast Hitch 1 B

ROW CULTIVATORS
Brillion 8 R w Wings, like new, S Tine
JD 8 R - S Tine
2 Brillion 6 R - S Tine
4 Noble 6 R - S Tine
2 Westco 6 R - S Tine
IH 331 4 R - S tine
Brillion 4 R - S Tine
3 Noble 4 R - S Tine
Westco 4 R - S Tine
Lear 4 R - S Tine
IH & Other Models With Out S Tine

CORN PICKERS
2 NI 323 - 1 R
NI 324 w 12 Roll Bed 2 R.W. late model

SPREADERS
NEW FNH 520 w/Tail Gate
NH 308 Tandem Axle Side Discharge
NH 327 - 3 Beater 130 Bushel
NH 327 - 130 Bushel
JD 660 Tandem Axle w Tail Gate
JD 450 Hydro Push w Tail Gate

MISCELLANEOUS
NEW Yetter Rotary Hoe 15 ft.
Yetter Rotary Hoe 15 ft.
2 JD 400 Rotary Hoes 15 ft.
Henicker Rotary Hoe 15 ft.
JD 550 Speayer 500 Gal. w Pump, Pull
Demco Sprayer 500 Gal. w Pump, Pull
2 J & M Gravity Bin Wagons
Ford 3 Pt Blade
Howard Rototiller 3 Pt.
Year-a-Round Cab Off JD 4020
JD - R O P S. Uty
MF Cab
Farmall Cub Eqp 1 Point Plateform & Snow Blade
Kawasaki 100 Motor Cyc
Combine Header Trailer
2 - 6 Ft. 3 Pt. Blades
JD 1508 Rotary Mower 15' w/Wings

NOTICE: No small items We will start in equipment field at 9 00 terms cash or good checks Identification required for bidder number Not responsible for accidents

NOTICE: All farm machinery will be sold absolute.

Lunch at Sale

Sale Conducted For

EDWIN HORNING & SONS
248 Meadow Valley Rd., Ephrata, Pa.
717-733-7408
Auctioneers: Blaine Rentzel #761 - Ed Goodrich - Brown

300-350 HEAD SPECIAL HORSE SALE
WORK HORSES
MULES
DRIVING HORSES
FRIDAY, FEB. 19, 1993

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Horse Sale 10:00 A.M.

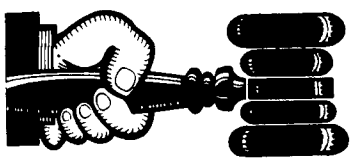
Note: Tack Sale 9:00 A.M.
Wagons, Sleighs, Harness, Etc.

- 10 Head Of Good Big Young Mules consigned by Roy Epperson.
- 2 load top work horses & mules consigned by Ward Wright.
- 1 load work horses from Illinois consigned by Bud Leonard.
- 1 load work horses from Virginia consigned by Billy Meadows.
- 1 load top work horses consigned by Shy Tipton.
- 1 load top work horses and mules from Tennessee consigned by Bill Pope.
- 1 load Saddlebred Driving Horses consigned by Christ Z. Stoltzfus.
- 5 loads Standardbred Driving Horses consigned by: Jonas Beiler, Elam B. Stoltzfus, Clayton Waterberry, Jerome Wanner, Reuben G. Stoltzfus.

Plus Many More Consignments By Sale Time.
For more information call:

Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538
FAX# 717-355-0706

Next Horse Sale - March 5, 1993 - 10 A.M.



AUCTIONEER'S DIRECTORY

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI NOV 26 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc, Exit 13, South Off I-81, Left Onto Alexander Spring Road. 717-249-4511

FRI. NOV. 26 - 7PM, Feeder Cattle Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

DECEMBER

FRI DEC 10 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc., Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511.

FRI. DEC. 24 - 11AM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc, Exit 13, South Off I-81, Left Onto Alexander Spring Road 717-249-4511

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

R. CARL PICKEL

Auctioneer & Appraiser
AU-003040-L
APT. 231
831 CLEARVIEW AVE.
EPHRATA, PA. 17522
717-733-6286

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

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In PA-Northampton, Bucks, Lehigh, Berks And Schuylkill Counties

★ All Cattle Paid On Hanging Dressed Weight

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Have Gavel, Will Travel!
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Dairy and Livestock Sales

HFA HORNING

Farm Agency, Inc.
Farm Agency, Inc.
Alvin Horning *Bus. (215) 286-5183*
Merle Eberly *Res. (215) 775-3745*
Real Estate • Auctions • Appraisals

REALTOR MLS

NEW HOLLAND SALES STABLES, INC.

New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, FEB. 17, 1993

HEIFERS & BULLS	11:00 A.M.
DAIRY COWS	12:30 P.M.

USUAL RUN OF LOCAL HEIFERS.
FRESH COWS AND SPRINGERS.

LOADS OF FRESH COWS AND SPRINGERS FROM LEROY SMUCKER, DALE HOSTETTER AND MARVIN ESHLEMAN.

Sale Managed By
New Holland Sales Stables, Inc.
Barn 717-354-4341 Fax 355-0706
Norman & David Kolb, Mgrs. 61L
717-397-5538

John D. Stauffer Auctioneers

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Paul E. Martin 717-733-3511
Aaron E Martin 717-738-4168
Ephrata, PA

SPECIALIZING IN
Farms - Farm Equipment
Dairy Dispersals -
Agri Business Auctions

We are now booking auctions for Spring, 1993. Thinking Auction? Call now to choose a date, or discuss our service.

ROGERS COMMUNITY AUCTION INC.

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

ATTENTION
NEW CONSIGNMENT
FARM MACHINERY DAYS
APRIL, MAY, JUNE
1ST & 3RD WEDNESDAYS

WEDNESDAYS
Farm Machinery Consignment Auction

The 1ST & 3RD WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.

We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain
EVERY WEDNESDAY
selling truck
load lots by the bale or ton
starting at 1 P.M.

Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

Auctioneer:
Steve
Steve Jr. **Petersheim:**

COMPLETE AUCTION SERVICE

Antiques
Household Goods
Farm Equipment
Real Estate
215-593-2828

FRIDAY, FEBRUARY 26 7:30 P.M.

CATTLE EXCHANGE DAIRY CLASSIC STONEHURST FARM

Please Take Notice ** This Very Special Sale Will Be Held At New Holland Sale Stables on Friday, February 26th at 7:30 PM Sharp!!!

The Sale will feature over 140 head of quality holsteins ** Something new! 10 head of mules & horses will sell! Singles & pairs - All Shipped!

*** * A spectacular group of high quality dairy cattle.**

80 FRESH & SPRINGING GRADE & REGISTERED YOUNG COWS!

**30 Heifers, all vaccinated, all ID grade yearlings from a 23,000lb. herd!
**30 high quality heifers sell springing! Records on dams up to 27,000 lbs.
** 2 service age bulls sell from high productuion dams!
** Don't Forget! 10 Head of Mules & Horses **
** Special group sale all hand selected from My Lady's Manor Farm, Lovdal Farm, Foxlease Farm, Shadowwave Holsteins, Stonehurst Farm & Pete Zacharias! Matt Welk is sending a fancy fresh Jethro dtr! Also a Blackstar sells bred to Leadman from Ex Dam!
** Many Sell Milking At Or Over 100 Lbs./Day **
Cattle are tested for immediate interstate shipment and inoculated against shipping fever! Trucking available! Food available!
Catalogs will be available at ringside
**Make sure to attend this very special offering! Lancaster Co. Amish that need transportation may contact Don Welk at 717-687-7475!
Remember! The sale has been relocated to New Holland Sale Stables, New Holland, PA this one time to facilitate the large number of high quality consignments and to ensure your warmth during the sale! This may be the best ever offered! Spread the Word!!!

Stonehurst Farm
1541 Lime Valley Road
Strasburg, PA 17579
Telephone: Don Welk- 717/687-7475
FAX 717/687-8824

The CATTLE EXCHANGE
Dave Rama RD 2 Box 79 Delhi NY 13753
Ph 607/746 2226 Fax 607/746 2911
AU-002463 L

** Watch Next Week's Ads for more Deteails ** Plan Now To Attend**

Thinking Of Public Or Absolute Auction?

Think Whitford Sales Co. With Over 30 Years Of Experience!

★ Real Estate ★ Construction Equipment
★ Antiques ★ Trucks/Trailers
★ Household Goods ★ Farm Equipment

WHITFORD SALES COMPANY

P.O. Box 655
Eagle, PA. 19480
L. Robert Frame Sr., Auct. 215-458-5060
Glenn S. Frame, Auct. 215-458-7139
"Eastern Pa's Foremost Auction Co."

MELVIN KOLB, INC.

MONTHLY HOLSTEIN SALE

THURSDAY, FEBRUARY 18, 1993 - 11:00 A.M.

150 - QUALITY HOLSTEINS - 150

LOCATION: **At my Maryland farm located ½ mile Northwest of Woodsboro, Route 550 in Frederick County.**

These cows and heifers were selected from the better herds in New England States, N.Y. State, Canada and Northern PA.

100	Fresh Cows and heifers in past three weeks, really milking.
50	Close Springing Cows and Heifers.
40	Purebreds 2-5 yr. olds, many with records & classified Rest will be fancy grades 2-5 yr. olds.

SAMPLE OF COWS SELLING

* 2 Fancy BRIDON ASTRO JET Dtrs. fresh by sale time.
* 2 BUTLER VIEW MATTADOR Dtrs. just fresh.
* 4 HANOVER HILL JETHROS - 1 due to RONNYBROOK - 2 are 2 yrs. old and 2 are 3 yrs. old - one is bred to CARNATION COUNSELLOR.
* A CLINTON CAMP MAJESTY Dtr. fresh sale time.
* A Purebred Brown Swiss Dtr. TONAS EVILA LANCE 4 yrs. old.
* A 3 yr. HANOVER HILL INSPIRATION Dtr. just fresh.
* A Fancy 3 yr. BERKSHIRE VALLEY EXPERT.
* 2 Nice COUNSELLOR Dtrs. both 2 yr. olds.
* A CARNATION GLENVIEW JAE-ET Dtr., Dam VG-86 pts. 26,220 3.7 972.
* A Nice HOLLER-VIEW ELEVATION MARC Dtr.
* A CRESENTMEAD BOOTS KASPER-ET Dtr. due to ENCHANT.
* A HIGHLIGHT MARK CINDER ET Dtr.
* A BRIONNIERE VALIANT TED Dtr. * A EMCROFT STARMAKER VG Dtr.
* 3 TARGET CITY MIRAGE Dtrs. * A DAIRY LANE PARAMONT
* A MABLEDALE LOCKYROAD* A HANOVER HILL DESIGNER Dtr.
* 2 Service Age Bulls 1 a HANOVERHILL STARBUCK Son.

Also selling a few Red & White and mixed cows and heifers and some Purebred Calves. Many more purebreds - information not available for ad. Catalog available sale day.

DAIRYMEN: This is a real nice group of Young Cattle - cows milking to 100 lbs. - Heifers 70-80 lbs., well uddered sharp cattle. If you're looking to add on a few or need some replacements, come on out Thursday and see this exceptionally fine group of cattle.

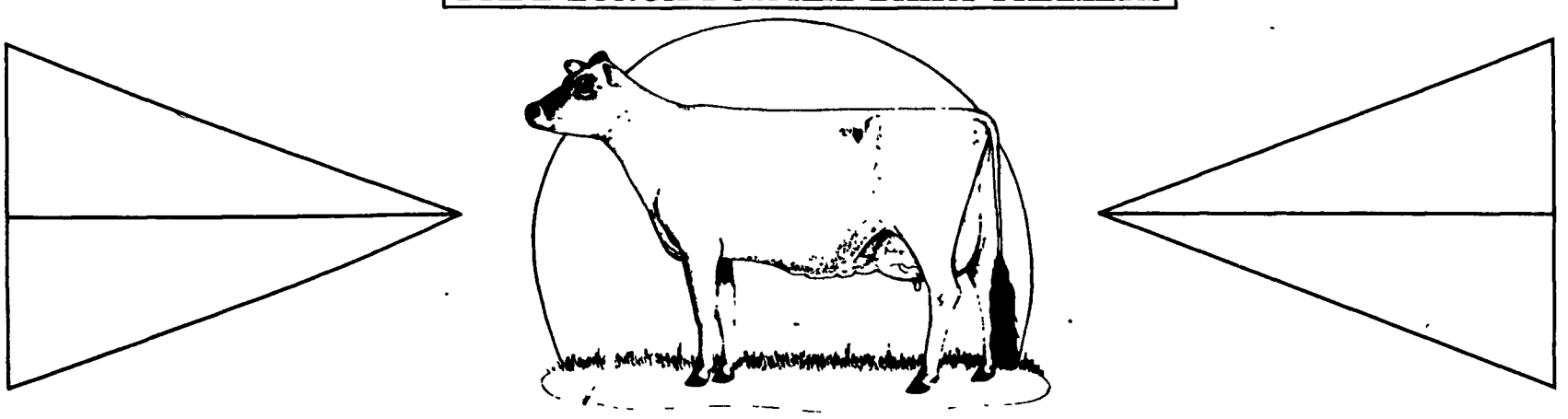
FREE TRANSPORTATION FOR LANCASTER CO. AMISH
Please call: (717) 569-2106 or (717) 569-6800
before noon on Wed. February 17, 1993

Sale Managers: Tom & Mel Kolb
Auctioneer: Robert Mullendore
(AU 000644-L)
Pedigrees: Henry Kettering

MARYLAND FARM
11342 Creagerstown Rd.
Woodsboro, MD 21798
(301) 898-7663 Or
(301) 898-7720

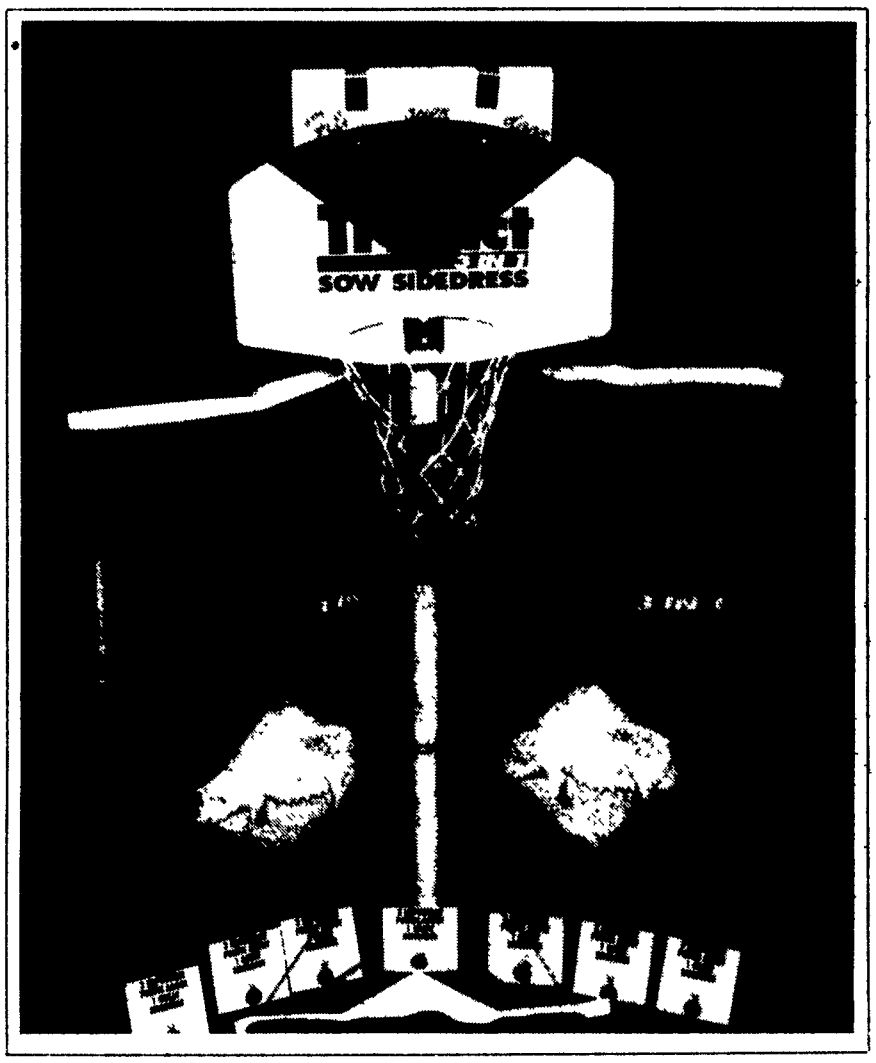
Mel Kolb Res:
(717) 393-7459

FREE LUNCH FOR ALL DAIRY FARMERS



TriLact 3-in-1

Sow Sidedress



For Producers Who:

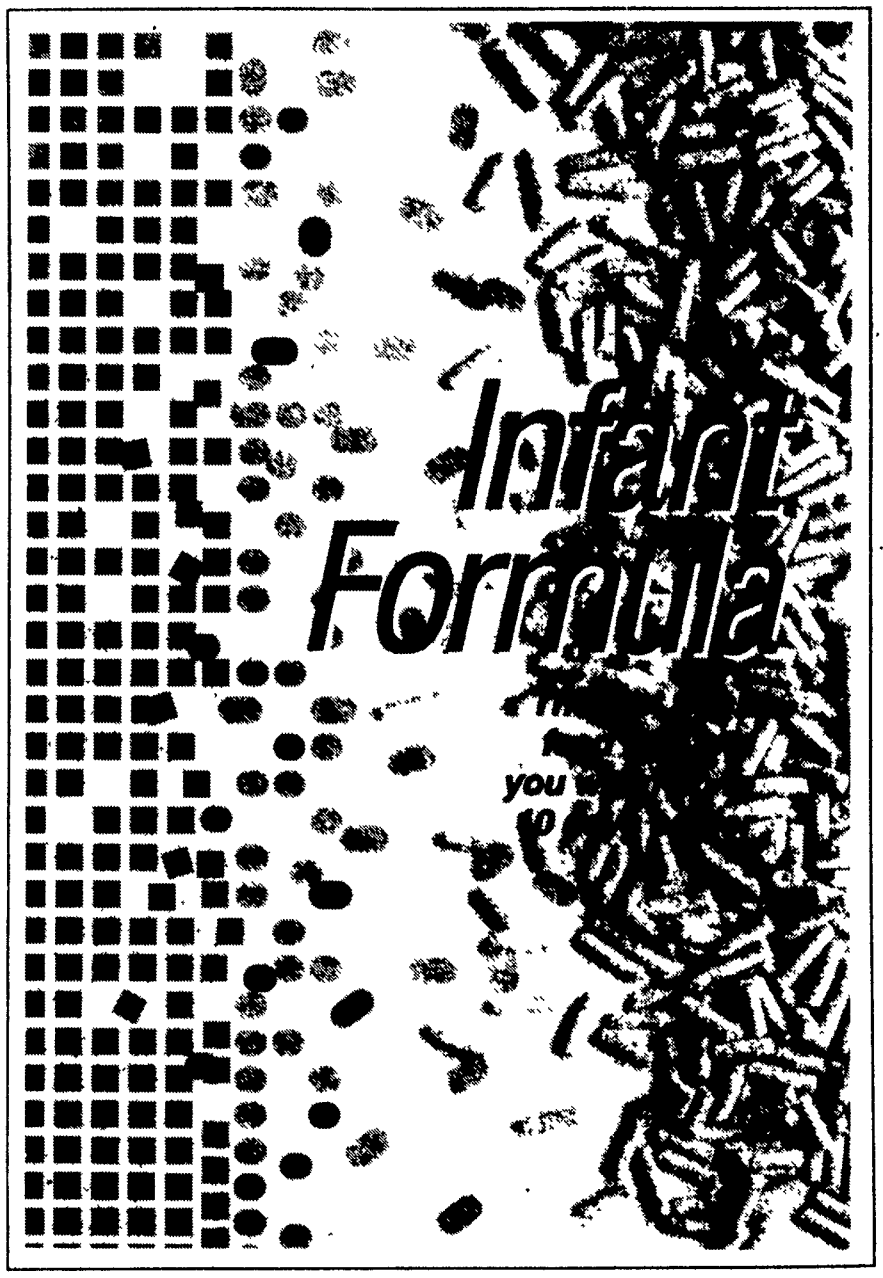
- Have Abnormally High Production Demand (9+ Pigs)
- Farrow Gilts Who Eat Less Feed
- Heat Stress
- 1st Week Of Lactation

TriLact 3-in-1 Sow Sidedress Is:

- Equal To 3 Lbs. Of Conventional NRC-Approved Lactation Feeds From A Nutrient Standpoint (Except Energy)
- A Very Palatable Topdress
- Concentrated Amino Acids
- Only Available From Master Mix®

MOMENTUM™ 5/10

INFANT FORMULA



THE FAST TRACK FEED THAT LETS YOU WEAN UP TO 10 DAYS EARLIER

- Wean Up To 10 Days Earlier
- Wean As Little As **5 POUNDS!**
- Special Ingredients To Aid Digestion
- New Micret™ Pellet-Encourages Early Consumption
- One Of The First Medicated Early Weaning (MEW) Products On The Market

For Details On These Exciting Research-Approved Products Contact The Following Master Mix Dealers

SNIDER'S ELEVATOR
Lemasters, PA 17231
(717) 328-2107

SENSENIG FEED MILL
New Holland, PA 17557
(717) 354-4756

THURMONT COOPERATIVE
Thurmont, MD 21788
(301) 271-7321

ROSS H. ROHRER & SONS, INC.
Quarryville, PA 17566
(717) 786-3372

FARMERS COOPERATIVE ASSN. INC.
Frederick, MD 21701
(301) 663-3113

Master Mix CENTRAL SOYA

BIG VALLEY FEED & GRAIN
Belleville, PA 17004
(717) 935-2163

HOKE MILLS INC.
York, PA 17404
(717) 843-8889
Abbottstown, PA 17301
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MAUGANSVILLE FEED SERVICE
Maugansville, MD 21767
(301) 791-5288

MIFFLINBURG FARMERS EXCHANGE
Mifflinburg, PA 17844
(717) 966-1001

PENNSYLVANIA PORK PRODUCERS COUNCIL

SEE US AT THE

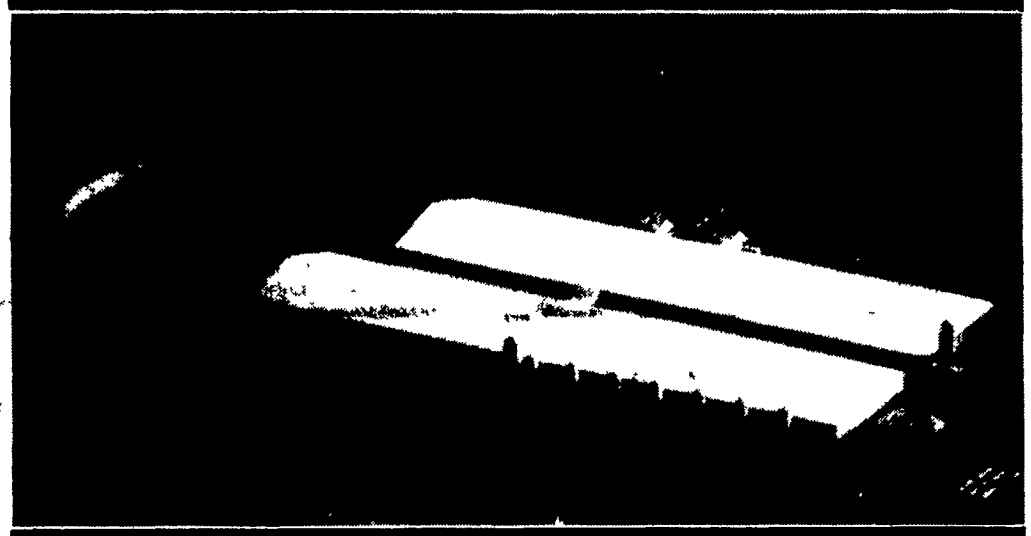
KEYSTONE PORK CONGRESS

Feb. 17, 1993 - 8:00 to 5:00

Penn Harris Inn - Camp Hill, PA

SALES SERVICE QUALITY INSTALLATION

TRI-COUNTY CONFINEMENT SYSTEMS, INC.



PRODUCT UPDATE

During the past year many new products were tested and refined in Tri-County's ongoing search to bring you the most durable and cost-effective confinement facilities available. The most noticeable changes have been the construction of wider, shorter buildings for easier movement of animals and people. Also more stainless steel is being used anywhere confinement equipment contact is made with the floor. New suppliers have also been added to our product lines after careful evaluation of their quality and reliability. At Tri-County we pride ourselves in being a leader in bringing you the best value for your confinement facilities investment. We are looking forward to seeing our old and new customers during the Keystone Pork Congress.

608 E. Evergreen Rd., Lebanon, PA 17042 717-274-3488 FAX 717-274-3781

Poultry Science | Capital Region | Veterinary Science

Penn State

Poultry Pointers

Entomology | Food Science

Agricultural & Biological Engineering | Agricultural Economics

VACCINATION PROGRAM COULD DEPEND ON SEASON AND ON THE CHICKEN BREED

Magdi M. Mashaly
Associate Professor
Poultry Science

The most common approach for prevention against disease is through vaccination which enhances the immune response.

The immune response is the most important defense mechanism against disease infection. The vaccination programs used are those that are recommended by companies providing the vaccines.

Unfortunately, the recommended vaccination programs that are used are not necessarily based on different chicken breeds or on environmental conditions. It is well known that the immune response of chickens is affected by the genetic makeup, and lines for high and low antibody production have been developed.

Furthermore, environmental temperature is known to have a significant effect on antibody titers against different antigens. This would mean that choosing the most effective vaccination program could be influenced by the season at which the vaccine is applied as well as the breed of chicken that is vaccinated.

The purpose of the following study was to compare the hemagglutination inhibition (HI) titer between White Leghorn and Fayoumi (Egyptian breed) chicks at different seasons. Two trials were conducted, one in September and the other in January.

One-day old Leghorn and Fayoumi chicks were housed in batteries and received 14 hours of light and 10 hours of darkness. The aerosol vaccination used was against New Castle Disease virus (NDV). Four different vaccination schedules in each season were applied in this study. In the first schedule, the birds were vaccinated at 7, 21, and 49 days of age. The second was at 7, 14, 21, and 49 days of age. The third at 7, 21, 35, and 49 days of age and finally the fourth schedule was at 7, 14, 21, 35, and 49 days of age. Blood samples were collected weekly following each vaccination and sera were collected and HI titers were measured.

It was found that Fayoumi chicks seem to have higher HI titers, against NDV, than Leghorn chicks in both seasons and for all vaccination schedules. Both Fayoumi and Leghorn chicks had higher HI titers in January than in September. More frequent vaccination was found to be more beneficial for Fayoumi chicks in both seasons but only in January for Leghorn chicks.

In conclusion, the results would indicate that when considering a vaccination program against NDV, both breed and season should be considered.

Send For Dairy Refunds

LEESPORT (Berks Co.)—Refunds of amounts deducted from 1992 commercial milk marketings under the Dairy Refund Payment Program (DRPP) will begin this month according to Richard Troutman, chairman of the Berks County Agricultural Stabilization and Conservation Service.

The program is authorized by the Omnibus Budget Reconciliation Act of 1990.

The act calls for an 11.25 cents per hundredweight reduction in the price received by producers for all milk produced and marketed for commercial use in calendar year 1992.

"This amount was increased on May 1, 1992 by 2.4 cents per hundredweight, for a total of 13.65 cents per hundredweight, to compensate for refunds paid under the 1991 program," Troutman said.

USDA's Agricultural Marketing Service collects the milk assessments and ASCS will issue any refunds required.

Under the DRPP, milk producers requesting a refund must establish their milk marketings for the refund year, 1992, and the immediately preceding calendar year, 1991, before the refund request is made. "They must request refunds from our office between January and March 15, 1993," ASCS official Troutman said.

Producers may be eligible for a refund payment under the DRPP if they can provide evidence that their 1992 milk marketings did not exceed their 1991 milk marketings.

For more information on the DRPP, producers should contact their local ASCS office.

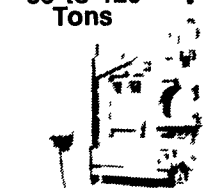
Eligibility for participation in all programs administered by ASCS is established under law without regard to race, color, age, sex, religion, national origin or physical handicap.

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

UNI-HYDRO IRONWORKER
35 to 120 Tons



Selling: Scotchman Uni-Hydra Mubea

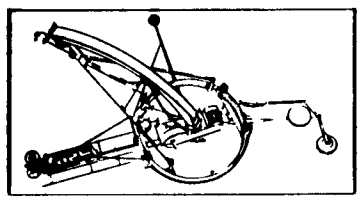
HOSSFELD BENDER

DAVID S. KING
873 S. Railroad St.
Myerstown, PA 17067
Answering Service
(717) 866-6556

Badger®
EMPLOYEE-OWNED. QUALITY DRIVEN.

BADGER PRODUCTS & SERVICE—
Our Customers' Best Friends!

Ring Drive Silo Unloader



- NEW! Center-mounted blower allows for further travel between doors
- NEW! Simple, trouble-free collector ring re-designed for greater ease of service
- NEW! Vertical control guide wheel on auger's outer end adds stability when raising the unloader
- NEW! Three-year limited warranty
- High strength, extra-heavy angle iron frame
- Heavy-duty double wall reinforced drive ring
- Super tough chipper wheel shaves silo wall clean
- Rugged 10" auger with heat treated Zinc Dichromated knives and double flighting on outer end

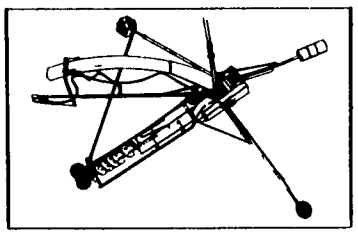
The Badger Frost Busters!

LOW RATE FINANCING

ROCK BOTTOM PRICES

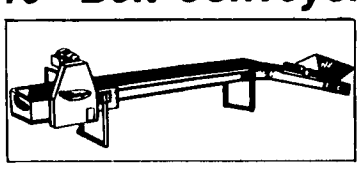
SAFETY! It's no accident

Pack Drive Silo Unloader



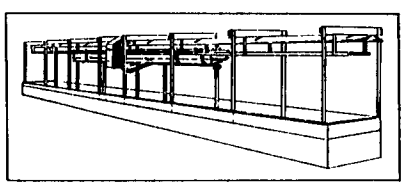
- Heavy-duty chipper wheel shaves silo wall clean
- High strength, iron frame extra-heavy angle
- Rugged 10" auger with double flighting on outer end equipped with heat treated Zinc Dichromated knives
- Center-mounted blower allows for further travel between doors.
- Simple, trouble-free collector ring designed for greater ease of service.
- Quick installation and low cost, the ideal replacement unit

16" Belt Conveyor



- Specially designed for high volume, bulky feed delivery.
- One-piece concave trough
- Choice of smooth, rough textured or chevron belt
- Low maintenance, low horsepower requirements
- Affordably priced

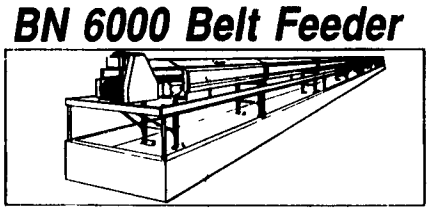
BN8900 Power Shuttle Feeder



The Simplest, Toughest Feeder You Can Buy!

- No feed conveying belts or chains
- Fast, high-capacity feed distribution
- Ideal center charged replacement feeder unit
- Simple worm gear drive
- 14 gauge galvanized steel trough

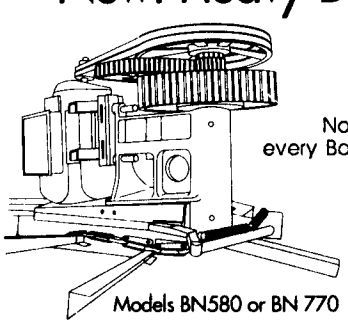
BN 6000 Belt Feeder



Let Badger solve your feeding problems with the new heavy-duty BN 6000 Belt Feeder/ Conveyor. It's the perfect combination of Badger strength, simplicity, toughness and common sense plus all this:

- Single motor drive for both belt and plow
- Heavy-duty drive unit stands up to tough conditions
- "Flow-thru" plow handles over 65 bushels of feed per minute
- Snub roller design reduces belt slippage
- Three feeding levels from manual to fully automatic
- Select feed individual rations to different groups of cattle.

New! Heavy-Duty Barn Cleaner Transmissions.



Models BN580 or BN 770

Now, Badger puts even more power in every Badger barn cleaner with transmissions that are built for durability

- Super pulling power-pulls up to 700 feet of chain.
- Up to 7½ hp rating.
- New one-piece heavy cast frame
- Large 2½" diameter drive shafts.

Badger

Forage Boxes... Built for the Long Haul!

0% - 12 Mos. Or
5 Month Waiver Of Finance
4.9% - 24 Mos. 7.9% - 36 Mos.

See Your Local Badger Dealer

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505 Cliff St.
Honesdale, PA 18431
(717) 253-2410

CHIDESTER FARMS
RD 2, Box 75
Kingsley, PA 18826
(717) 289-4260

MELVIN G. MILLER
RT 2, Spring Mills, PA 16875
(814) 422-8279

PIKEVILLE EQUIPMENT INC.
RT 2, Oley, PA 19547
(215) 987-6277

BHM FARM EQUIP. INC.
RR 1, Annville, PA 17003
(717) 867-2211

SHOW EASE STALL CO.
573 Willow Rd.
Lancaster, PA 17601
(717) 299-2536

DEERFIELD AG & TURF CENTER, INC.
RD 2, Box 212
Watsontown, PA 17777
(717) 538-3557

HEFLIN SALES & SERVICE
12312 Oak Hill Rd.
Woodsboro, MD 21798
(301) 898-3233

CHAMBERSBURG FARM SERVICE
975 S. Main St.
Chambersburg, PA 17201
(717) 264-3533

SOMERSET BARN EQ.
R D. #5
Somerset, PA 15501
(814) 445-5555

McMILLEN BROS.
RD 1 Box 134
Loysville, PA 17047
(717) 789-3961

HESS' EQUIPMENT
Sales & Service
RR 3, Mifflinburg, PA 17844
(717) 966-2720
966-1998

February Inventory Clearance Sale!

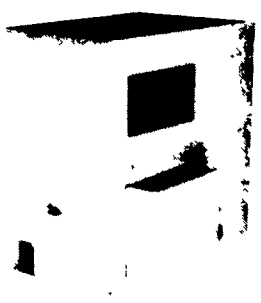
New & Used Equipment Specials

PENNSYLVANIA PORK PRODUCERS COUNCIL

CALL US OR SEE US AT THE KEYSTONE PORK CONGRESS

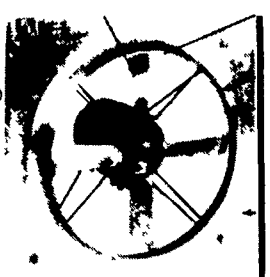
Feb. 17, 1993 - 8:00 to 5:00 Penn Harris Inn - Camp Hill, PA

HEATERS



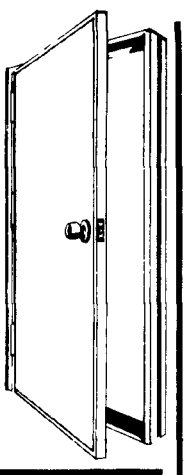
- 60,000 & 170,000 BTU New & Used Hired Hand & Cambridge
- SBM Infrared Heaters New & Used
- Stanfeld Heat Mats And Controls New
- Heat Lamp Guards & Bulbs

aerotech® VENTILATION



- New AAA Variable Speed Controls
- New Fan Shutters
- New & Used 10"-24" Variable Speed Fans
- 10" - 48" Fan Shutters
- Modern Ag 16" S.S. Air Inlet

Building Materials



- Plyco 3 Ft. Pre-hung Aluminum Doors Slightly Damaged
- 24"x24" Attic Vents (New)
- 500 Ft. x 4 Ft. Glassboard
- 4 x 8 x 4 x 10 Polyboard

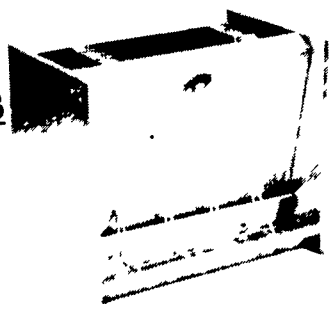
Hired Hand® Curtain Controls

A.C. Volt & D.C. Volt

4' D.C. Machines
5' D.C. Machines
5' A.C. Machines
6' A.C. Machines

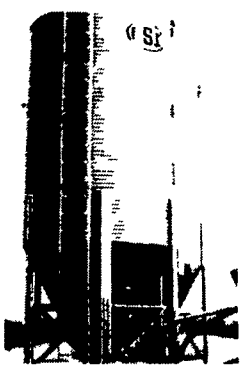
All Equipment Is New

HOG SLAT FEEDERS



- New & Used or Damaged
- 4 Hole Finishing Feeders
- 7 Hole Finishing Feeders
- 5 Hole Grower Feeders
- 6 Hole Nursery Feeders

GSI BINS



- 9'x4 Ring GSI 18 Ton bin. New w/slight damage
- 6'x2 ring Chore Time Bin Used

FLOORING

TRI-BAR®

Many Sizes New & Used With No Slip & Without

Tenderfoot

30"x90" Pcs. 15"x90" Pcs.

HOG SLAT

200-4'x6' Used Gang Slats

Hog Slats

Misc. Used & Damaged 4x8 & 4x10 Gang Slat

MISC.

- Flush Pans
- Power Washers
- Scraper Power Unit

BOSS HOG FLOORING

BOSS HOG WOVEN WIRE

All New Misc. Sizes 5 Gauge And OD 5/16"
100 - 2x6x10 Ft. Lumber Already Bevelled

★ NEW PRODUCT INTRODUCTION SPECIALS ★

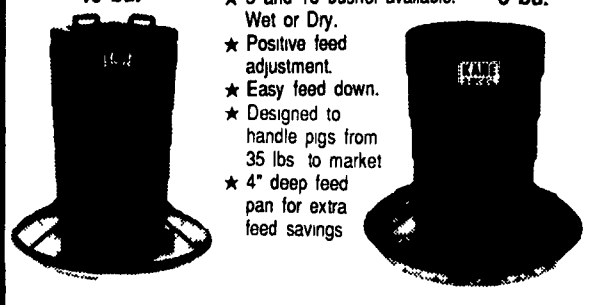
KANE Products have been added to Tri-County's Line of Equipment due to their excellent quality and proven designs.

HIGH DENSITY • DURABLE • POLYETHYLENE

ROTARY FEEDERS

304 Stainless Steel Grills/Dividers

10 bu. 5 bu.



- ★ 5 and 10 bushel available. Wet or Dry.
- ★ Positive feed adjustment.
- ★ Easy feed down.
- ★ Designed to handle pigs from 35 lbs to market
- ★ 4" deep feed pan for extra feed savings

NURSERY FEEDERS

Single & Double Sides

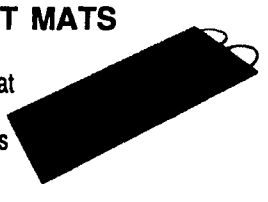
- ★ Stainless Steel Grills
- ★ Top Slide Gate Adjustment

SURE START CREEP FEEDERS

Double Wall — Creep Divider Groove

BABY PIG HEAT MATS

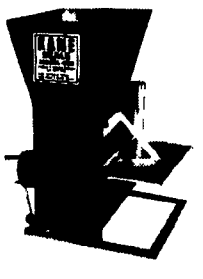
Save $9.02 Per Litter Compared To 250 Watt Heat Lamp. Provides A Larger Comfort Area For Baby Pigs



SCALES

Measure Feed Economically

Check Your Feed Intake



BABY PIG CREEP FEEDERS

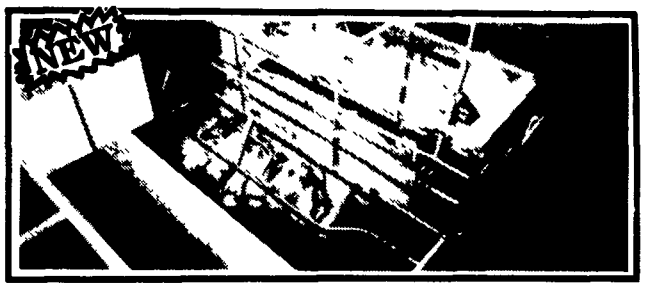
- ★ Mounting Bracket
- ★ Feed Flow Adjustment

Easy To Fill

MILK REPLACEMENT FEEDERS

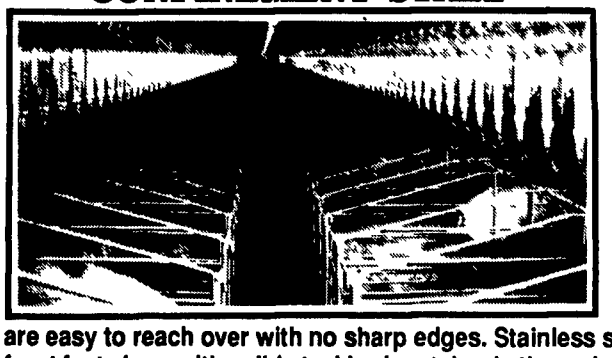
(2 Sizes Available) — Save Baby Pigs

PIG SAVER "DUTCH CRATE"



Dutch Farrowing Crate is another product developed through testing in our research farms. The goal was to develop a crate that nearly eliminates crushing, due to lay ons, unmatched durability and be easy to work around. All this has been achieved by a unique gravity fliprail that forces sows to lie down slowly and using stainless steel for rear doors and legs, proven horizontal and solid steel rod construction. All this at a reasonable cost. Crate also can be installed on an angle.

CONFINEMENT STALL



Horizontal Confinement Stall was developed recently in our R&D farm. Our goals were convenience, safety and durability. The low back and flat top rails are easy to reach over with no sharp edges. Stainless steel rear legs and front feet along with solid steel horizontal rods through punched uprights provide the strongest, most durable stall ever produced by Tri-County (available in 21"-24" O.C. x86").

SALES SERVICE QUALITY INSTALLATION

TRI-COUNTY

CONFINEMENT SYSTEMS, INC.

608 E. Evergreen Rd.
Lebanon, PA 17042
717-274-3488

MasterCard VISA

WE SHIP UPS DAILY

Hours: Mon.-Fri. 7:00 to 4.30; Sat. 8:00 to 12:00

Overseas Dairy Promotions Begin To Pay Off

DALLAS, Texas — "Generic promotion of U.S. dairy products in Japan and Mexico is beginning to pay off," said Steve Hofman, California dairyman and chair of the National Dairy Promotion and Research Board's export market enhancement committee.

The committee met Jan. 19 to review progress the National Dairy Board has made in the export arena and to approve future plans and funding.

A promotion of U.S. yogurt in 42 major supermarkets in Mexico City, Monterrey and Guadalajara featured taste samples for shoppers and a brochure emphasizing U.S. yogurt's quality, flavor variety and nutritional benefits. The yogurt samples were donated by U.S. yogurt suppliers. USDA's Foreign Agricultural Service covered 75 percent of the $62,000 budget for the promotion.

"Store managers reported a 40 percent spike in sales of U.S. yogurt during the promotion period," said Tom Suber, director of National Dairy Board export programs.

Similar promotions for U.S. cheese and ice cream are planned for the first half of 1993 in Mexico.

In Japan, U.S. cheese has been making waves. "We (National Dairy Board) worked with Jusco, Japan's fourth largest supermarket, to conduct the first cheese promotion in the produce department," Suber said of a promotion featuring melted cheese over broccoli.

U.S. cheese is typically cut from wheels and wrapped as eight-ounce bars by a wholesaler. Jusco said its daily sales volume of such bars averaged just two or three a day per store, but during the promotion week, U.S. Monterey Jack sales averaged about 50 bars a day.

"Although total U.S. Monterey Jack sales were only 400 pounds during the promotion period, the relative increase in sales has piqued the interest of bigger supermarket chains in conducting similar promotions for the cheese," Suber said.

Positive promotion results pay off for dairy farmers in more than just selling more product.

"Through export programs of USDA's Foreign Agricultural Service, the National Dairy Board is able to leverage the dairy checkoff," Hofman explained.

"Last year, the Foreign Ag Service awarded us $385,000 for export programs in Mexico and Japan. In 1993, with funding from the Foreign Ag Service at a total $679,000, we will be able to strengthen U.S. dairy foods promotion in Taiwan and Hong Kong and begin activities in the Caribbean."

Funding from the Foreign Ag Service helps stretch the National Dairy Board's export budget. For fiscal year 1993 (May 1, 1992-April 30, 1993), that budget is $1.277 million from the National Dairy Board.

Programs have focussed on value-added U.S. dairy products like cheese, yogurt and ice cream since bulk commodities can't compete with European subsidies.

The National Dairy Promotion and Research Board, comprised of 36 dairy farmers from across the U.S., develops and implements a coordinated effort of promotion, research and nutrition communications to strengthen the dairy industry's image in the marketplace. This effort is financed by America's dairy farmers.

Breed Stations Improve Hybrid Performance

LANDISVILLE (Lancaster Co.) — Farmers planting early maturity Funds G® brand hybrids will benefit from the extensive research programs conducted by the Ciba-Geigy Seed Division.

The company has five breeding stations located in Canada, Michigan, Wisconsin, and Minnesota (two). These stations focus on the development of hybrids in groups 0, 1, 2, and 3, which range from less than 85 days up to 107 days maturity.

"We're generally ahead of the industry," said Ken Wrede, director of Northern Maturities for Ciba-Geigy, "in Groups 0, 1 and 2. Frankly, there aren't a lot of companies doing research in groups 0 and 1.

"I know of only one other research program that's working with multiple breeding stations in this early maturity with the scope of Ciba-Geigy's program."

Plant breeders at the research stations hand pollinate anywhere from 100,000 to more than 200,000 hybrids per maturity group annually. Of that amount, only five to seven hybrids are released for commercial production.

"We're very fortunate," said Fred Lepley, vice president of sales at Hoffman Seeds "to be backed by a company with such extensive research programs. They've done an excellent job of producing some outstanding hybrids.

"Our early maturity hybrids like 4070, 4160 and 4231 have performed exceptionally well in university yield trials, as well as in farmers' fields."

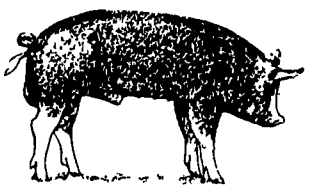
Crops Day Set

LEBANON (Lebanon Co.) — On Monday, February 22, from 9 a.m. — 3 p.m., at the Lebanon Valley Exposition Center an educational program for agronomic crop producers will be held.

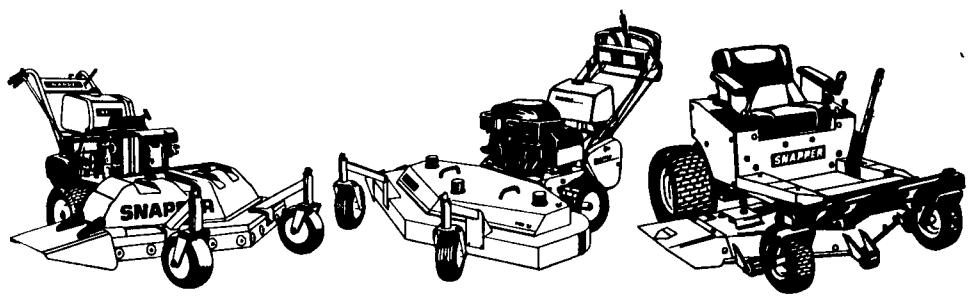
This program is sponsored by the extension offices of Dauphin and Lebanon counties and commercial agronomic suppliers. The program will feature discussion of crop production, nutrient management, pesticide credits, and commercial exhibitors.

Lunch is available at a cost of $4.00. Registration is not necessary if a meal is not reserved.

For additional information and a program announcement, contact either the Lebanon County Cooperative Extension Office at (717) 270-4391 or Dauphin County Cooperative Extension Office (717) 921-8803.



MARTIN'S REPAIR SHOP



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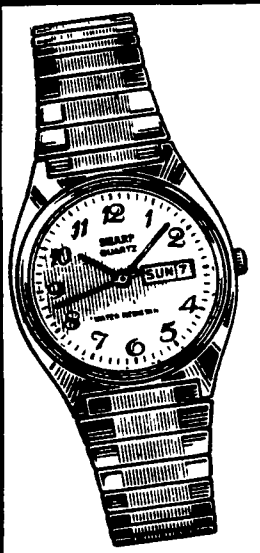

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Our work watch has all the features needed to endure the punishment you will put it through. The **WATER RESISTANT** seal will protect your watch when you irrigate fields, fix broken water systems, get milk splashed on your arm while feeding calves, or walk the fence in the rain, to find out where your cattle are getting out. Being **SHOCK RESISTANT,** your work watch will continue to work when it is slapped by a cow's tail, a falling board, or the belt shield that your arm slams against when your wrench slips off the bolt. While your watch is scraped by branches, rubbed against walls, and knocked against machinery, the low profile, **SCRATCH RESISTANT,** glass crystal will resist the scratches and cracks that render watches unreadable. Finally, the **BATTERY POWERED QUARTZ** movement of your work watch is accurate to within 2 minutes per year, and does not need to be wound, meaning that your watch will be on time, all the time, without any effort on your part.

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Livestock Ledger

By
Chester D. Hughes
Extension Livestock Specialist

FUTURISMS

Following are excerpts from "Livestock Notes" published by Penn State Cooperative Extension and the Department of Dairy and Animal Science that pose interesting questions and futuristic thoughts in regard to the livestock industry.

Wholesale Clubs Can Really Sell Meat!

Buyers' wholesale clubs, such as Sam's, BJ's, and Cub, are showing exceptional growth in sales of fresh meat. Most of these clubs sell fresh or frozen prepackaged meats, and sales are growing rapidly.

Industry estimates indicate that these clubs sell more than 16 percent of all retail meat, much of which is marketed to the restaurant trade. Meat inspection administrators are concerned, since meat for restaurants must originate from federally inspected meat plants (including distributors).

Operations complying with Food Safety Inspection Service (FSIS) are at an economic disadvantage because the cost of compliance is high. Retail stores currently are exempt from FSIS scrutiny if their wholesale meat sales are less than $30,000 annually. Many wholesale club outlets surpass this figure in two weeks or less.

The type of meat sold in these stores varies widely depending on the area, but much of it is fed-Holstein beef. Holstein fits the wholesale concept well, since it is high quality, highly marbled and tender, and has less waste fat, making it economical.

Some speculate that the concept of merchandising meat through wholesale clubs is merely a passing fad. To many, though, it points out a merchandising factor that many times is taken for granted — *Price*. Since price still drives the meat market, producers and processors must recognize this fact to help maintain meat's share of the market.

Relating Milk EPD to Actual Milk Production

Beef producers are often confused about the use of the maternal milk EPD in beef selection. After all, how can something reported in pounds of weaning weight actually mean more milk production?

A couple of recent research reports have confirmed that selection for higher maternal milk EPD does indeed result in higher milk productions as well as higher weaning weights. A South Dakota State University study compared daughters of high and low EPD sires for maternal milk. They found the higher EPD sires produced daughters that had more daily milk production and calves with heavier weaning weights. A second study at Virginia Tech University compared heifers and cows from sires that were selected as high milk + low yearling wt. They also found that selection for higher milk EPDs results in higher actual milk production and heavier weaning weights in daughters of these sires. In fact, the latter study found that a 1 percent increase in milk production accounted for about 2 pounds of weaning weight EPD from the maternal milk value.

But using data like this in a selection program for increasing milk production in the herd is not without its pitfalls. One problem, in our environment anyway, may be too much milk. There is a decreasing return to calf growth with increased milk production. That is, the growth response to increased milk production levels off once a sufficient amount of milk is available. Secondly, there must be some genetic potential for growth in order for the calf to use the increased milk. Finally, it takes feed to produce milk and we must be aware that heavier milking cows have increased nutritional requirements, particularly for protein. However, the South Dakota study showed that production efficiency, measured as the ratio of feed energy to pounds of weaned calf, was greater for cows with heavier milk production.

Information is available to increase milk production in any beef herd and it will increase the efficiency of production as well. But before making any selections, consider the additional costs of production and other genetic values.

Pennsylvania Equestrians Support Protective Headgear

Change is occurring in the horse community as riders and organizations become increasingly aware of the need for safety. Medical studies show that 60 percent of horse-related deaths are from head injuries. To help prevent this particular problem, more effective headgear standards have been developed, the most recent of which is the ASTM standard adopted in 1989.

The status of safety knowledge throughout the horse community, until recently, was not known. The American Medical Equestrian Association (AMEA) decided to document what individuals in the National horse community know about protective headgear. The AMEA developed a questionnaire to determine whether attitudes for recommending or wearing protective headgear were related to factors such as age, sex, geographic location, type of riding, experience, involvement in the horse community (as evidenced by the number of horses owned), previous accidents, injuries and concussions, and what horse journal riders read.

The AMEA received 2,430 responses including 164 from Pennsylvania resident.

Overall, Pennsylvania respondents were more inclined to recommend headgear than those nationally. All Pennsylvania respondents felt headgear should be worn at least occasionally. Almost 90 percent of the Commonwealth residents felt riders should wear protective headgear all the time.

A slightly higher number of Pennsylvania residents had suffered from horse-related injuries and those injured were more likely to have had at least two to four such injuries. Although one-third of the Pennsylvania respondents reported horse-related hospitalizations, they were still less likely than their national counterparts to do so.

Swine Selection Using Genetic Markers

Did you ever purchase a potential herd boar and ask yourself, "How good will his pigs be?" or "How much better will his pigs be compared with those sired by my present herd boar?"

The true breeding value of a herd boar becomes most evident in the performance of his offspring. Previously, we attempted to predict performance of a sire's offspring based solely on the boar's individual performance record and his pedigree.

Today, with the use of STAGES information, we can predict progeny performance from data obtained on all ancestral records. Someday it may be possible to obtain and analyze a blood sample from a prospective herd boar to determine performance characteristics of his progeny.

A recent study at the University of Illinois was conducted to expand the genetic map of the pig and detect favorable genes for growth and carcass traits. Four markers were identified for a single boar: HP, GPI, PGD, and ESD. During an eight-month period, the boar sired 30 litters. Growth and carcass data were collected on his progeny. Blood samples were obtained from progeny

(Turn to Page C6)

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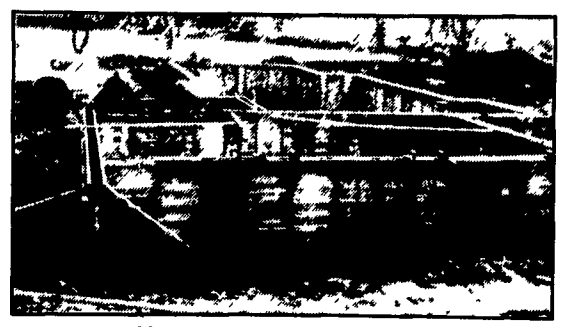
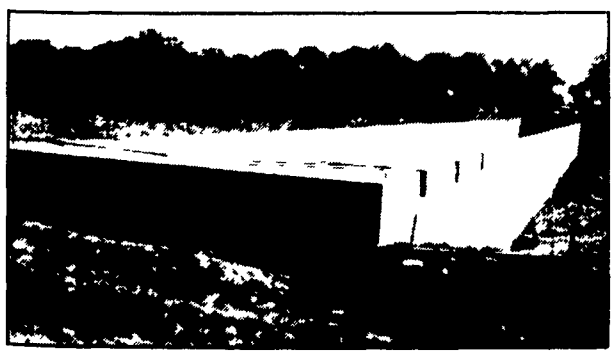
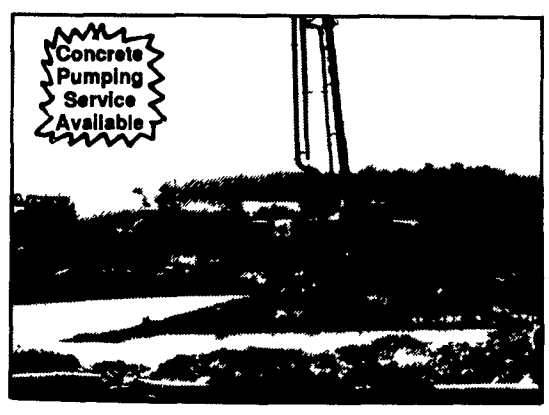


House Foundation Wall



300' Long Manure Pit For Hog Confinement



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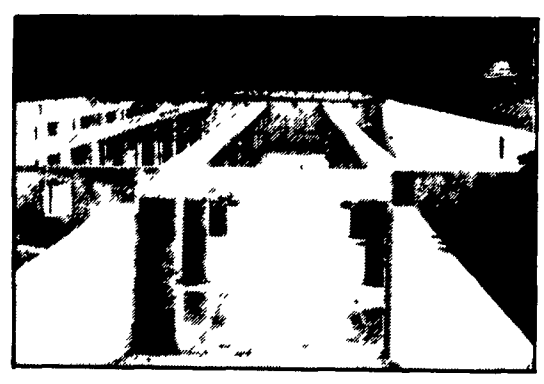

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Livestock Ledger

(Continued from Page C5)

of this boar and the dams mated to him.

Pigs that inherited the GPI A allele reached 230 pounds in 2.6 fewer days compared with pigs that inherited the GPI B allele. Progeny that inherited the PGD B allele had a higher muscle firmness score than pigs that inherited the PGD A allele. Pigs that inherited the HP 3 allele had a higher weaning weight and lower ham muscle score than pigs that inherited the HP 2 allele. No associations were detected for ESD.

This data indicates the potential of using genetic markers to detect differences in economically important traits to swine production. As more of the swine genetic map is unraveled and genetic control of physiological processes more clearly understood, selection of genetically defined animals may become more apparent. Using marker-assisted selection, a producer may someday be able to compare the genetic attributs of replacement seedstock before making an important investment to the herd.

High Forage Diet Produces Leaner Meat

Low-fat, tender lamb can be produced by feeding ram lambs a high forage diet. A five-year United States Department of Agriculture, Agricultural Research Service study shows that marketing lamb meat from young rams, rather than from wethers, could benefit consumers and farmers.

Most lamb meat comes from wethers, which are tender but high in total fat and saturated fat. However, young rams fed a test diet of mostly alfalfa forage were 54 percent leaner than wethers. The rams produced rib-eye chops with 22 percent less total fat and nearly double the polyunsaturated-to-saturated fat ratios than wethers on the same diet.

The ram meat is not as tender as that from wethers, but current research may solve that problem soon. The farmer could benefit too, because forage-fed rams grow about 15 percent faster and use feed about 15 percent more efficiently than wethers.

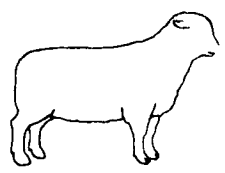
Electronic Implants for Swine Identification

South Dakota State researchers recently experimented with electronic implants for indentification of finishing swine at the slaughter plant. Electronic transponders were placed under the skin in the flank, back, and behind the ear to determine which site caused the fewest implant rejections and was easiest to relocate at slaughter.

Each implant was preprogrammed with an identification number to be read by a device similar to the UPC symbol reader at your local supermarket.

Of the 30 pigs implanted, 28 could be identified by their implant at slaughter, and no tissue abscesses or rejections were reported. The overall average daily gain of the implanted pigs was similar to unimplanted penmates.

It appears that electronic implants can accurately identify pigs after slaughter. However, easier methods of implanting pigs and removing implants from carcasses must be developed.



Herklotz Named To Beef Board

SYRACUSE, N.Y. — Warren Herklotz, lifelong dairy farmer from Franklin, NY, was recently appointed to the National Beef Promotion and Research Board.

Chosen by USDA Secretary of Agriculture Edward Madigan, Herklotz will not only serve a one three-year term on the National Board, but he will be given a seat on the New York State Beef Industry Council.

In a letter to Herklotz, Madigan wrote, "Your appointment represents the industry's considerable respect for you as well as their confidence in your ability to provide the progressive leadership so essential to achieving the objectives of this important nationwide program."

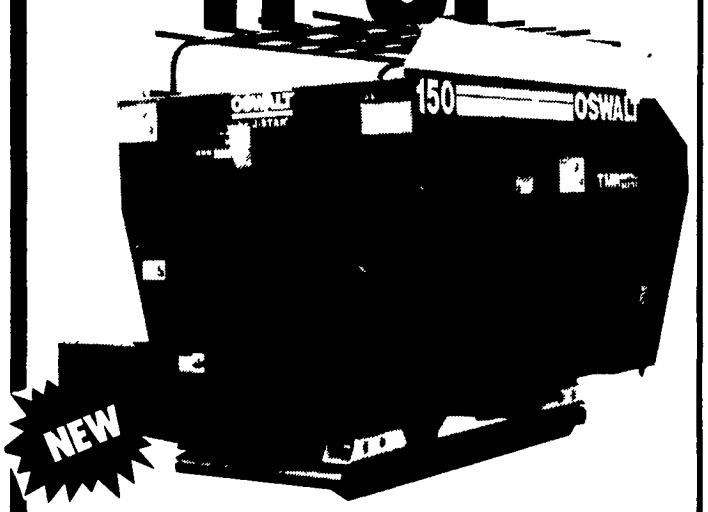
After attending his first board meeting in Tampa, Fla., Herklotz said, "I look forward to representing New York on this young aggressive board. We will be challenged to promote a good product and to uphold our responsibility to the contributors of the board."

The Beef Board is accountable for overseeing the national, one-dollar-per-head beef checkoff program, including planning, budgeting, collecting checkoff assessments, assuring compliance with the Beef Promotion and Research Act and Order, and certifying state beef councils.

The Beef Board is made up of 111 members representing all segments of the beef industry, including beef, veal, and dairy producers and importers. It also is responsible for evaluation of programs funded by the checkoff.

Herklotz's other leadership roles include the boards of Eastern Milk Producers and its two subsidiaries, and the American Dairy Association and Dairy Council. He and his wife, Debbie, reside in Franklin, N.Y. on a 330-acre farm where they milk 64 cows and produce honey and maple syrup.

MIX IT UP



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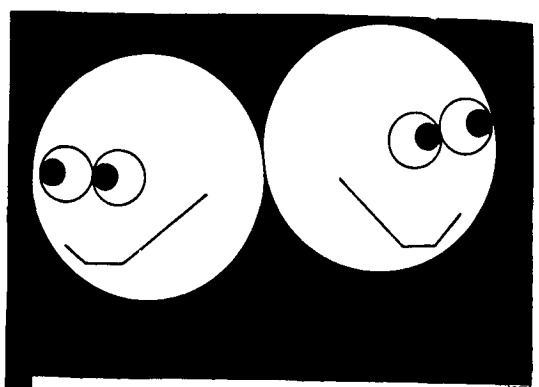

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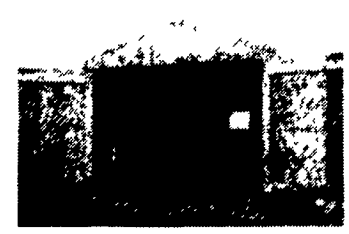

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Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164
FAX 717-733-6058

PHONE HOURS:
Mon., Tues.,
Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section D. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

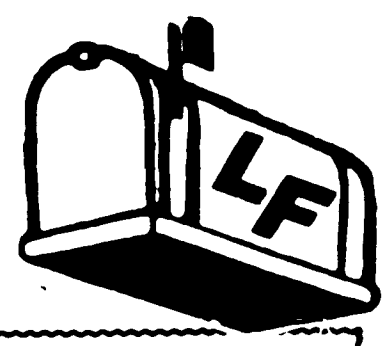
The following categories are available in your classified advertising. In Section C. Deadline-Wednesday afternoon at 5 of each week's publication.

4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

NOTE: Please do not use this form for Mail Box Market Ads, see instructions with Mailbox Markets.

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER.



Name _____

Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

DEADLINES:
SECTION C - WEDNESDAY AT 5:00 P.M.
SECTION D - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES

36¢ per word per week - 1 or 2 times
30¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.96	7.92	9.90
12	4.32	8.64	10.80
13	4.68	9.36	11.70
14	5.04	10.08	12.60
15	5.40	10.80	13.50
16	5.76	11.52	14.40
17	6.12	12.24	15.30
18	6.48	12.96	16.20
19	6.84	13.68	17.10
20	7.20	14.40	18.00

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)

4 BUILDINGS AND SUPPLIES

Solid barn 30 X 40, aluminum roof $2300 You remove Fencing (4 ft high) 2500 feet, $250. You remove Locust posts $1 each Planks 2" X 12" X 15 ft , $1 bd ft Tongue/ groove boards 6 inches wide 7½ ft long, 40¢ bd ft (717) 432-3788

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Epoxy/Clear Concrete Primer/Sealer - $10/Gal
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Epoxy primer-light green- $12 50/Gal
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Enamel, primer, wood/ metal $7.50/Gal.
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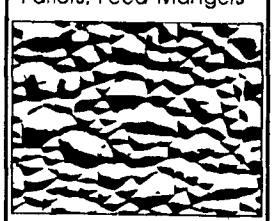
FOR Milkrooms, Parlors, Feed Mangers



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Large Selection - Must Go

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29 Ga. All Lengths & Colors	$43.50/Sq.

Good Prices On
Trim, Door Track & Hardware, Screws, Nails, Windows, Overhead Door & Entry Doors
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CALN DOOR & SUPPLY
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"Steel Top" steel truss manufacturer

CUSTOM AND STANDARD WIDTHS AVAILABLE
CALL: 609-267-5571
Standard Truss widths
24', 32', 40', 50', 60',70', 80', 90', 100', 110', 120'
"Ask about our options":
steel columns (straight or tapered)
(Or use your own pressure treated wood columns up to 40' wide!)
Engineer sealed truss prints, erection labor, roofing, siding and trim packages, reflective insulation
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Now Accepting Spring Orders

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Steel Top Buildings
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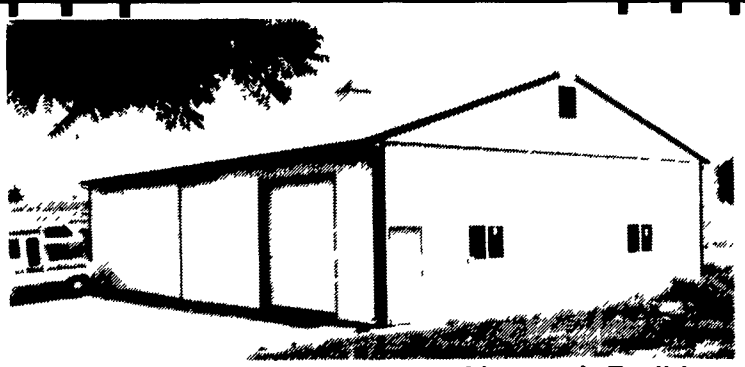
Pole Buildings



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We Also Stock The Following Items:

- Pre-Hung Doors
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* Pole Buildings
* Litter Barns
* Compost Sheds
* Farm Buildings

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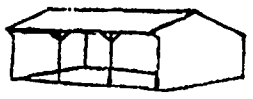

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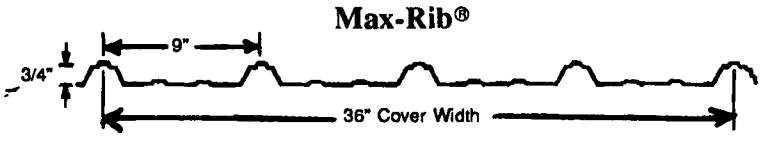
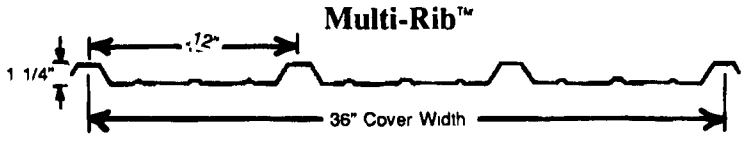
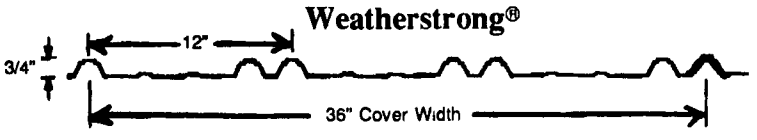


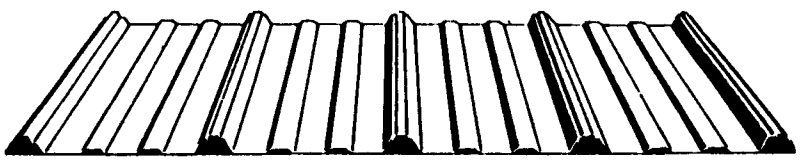
Multi-Rib™



Weatherstrong®



Steel And Aluminum



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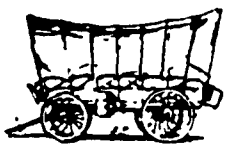
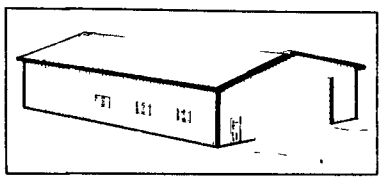
(717) 354-2728

POLE BUILDINGS & SUPPLIES





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- Horse Barns & Arenas
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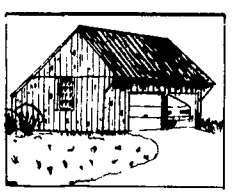

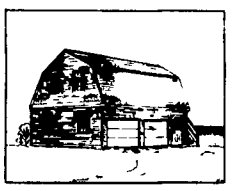

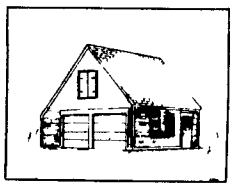

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Conestoga Building Supply
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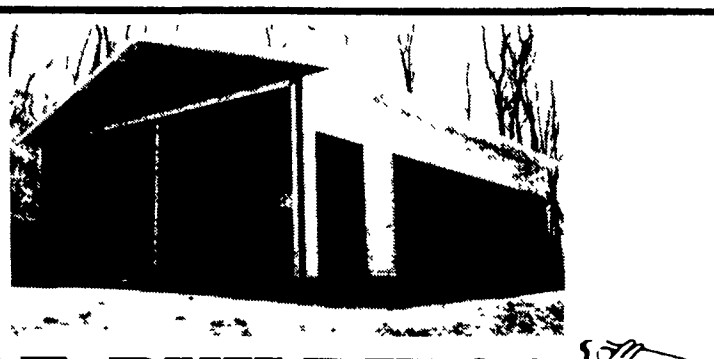

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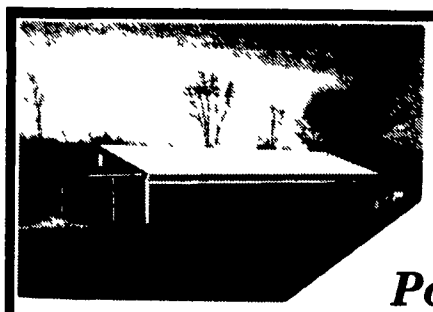
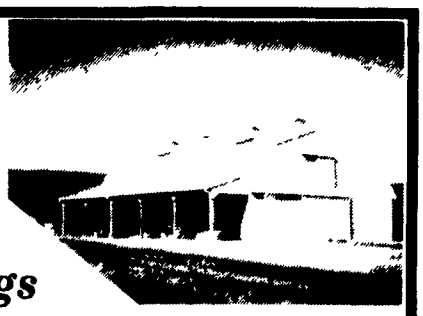
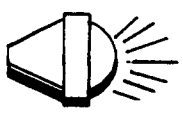
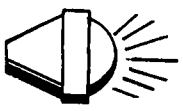


We Specialize In Pole Buildings

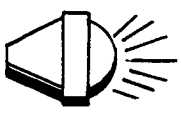




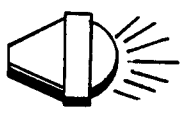
Equipment Sheds



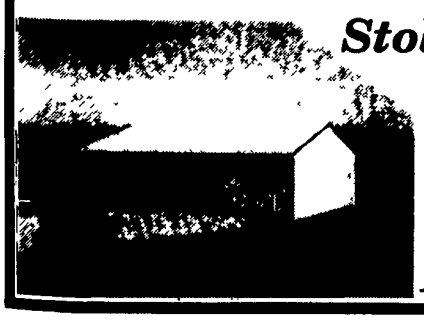
Horse Barns



Garages



Arenas



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Free Estimates
Call Anytime

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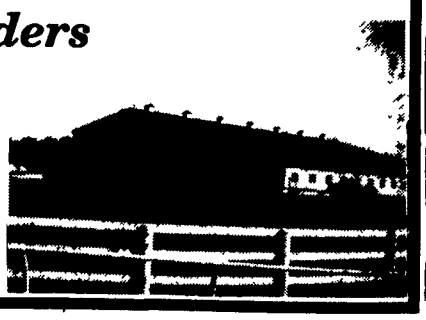
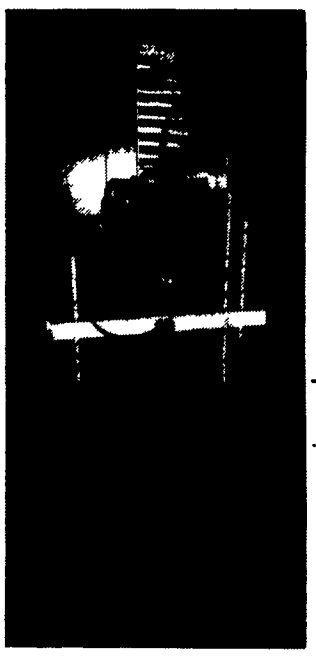


New Air Powered Sewage Pump Package



Check Our Prices On Sewage Pump Package. Package Sets Right In Doseing Tank, Only Two Lines To Connect, Air and Water, Level Sensors, Control Valve and Alarm Are All On Package And Plumbed. No Lines To Run To Basement Etc. Save On Installation Costs!

ALSO

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Only One Moving Part,
Takes Very Little Air,
Circulates Up To Six Gal. Minute, Automatic Air Line Drain Valves

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Ephrata, PA 17522
717-733-0630

Spring Garden Plumbing
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Kinzer, PA 17535

4 BUILDINGS AND SUPPLIES

The Sullivan County Commissioners, Sullivan County Courthouse, Laporte, PA 18626-0157 will be accepting proposals until February 26, 1993 for the demolition of a three story wood frame building with the successful bidder having the option of taking possession of all removable materials in lieu of a cash payment from the owner. The owner reserves the right to remove any and/or all contents from the building prior to demolition. The owner reserves the right to accept or reject any or all bids/proposals as may be in the best interest of the County of Sullivan. Further information may be obtained by contacting the Sullivan County Commissioners at the above address or by calling 717-946-5201. EOE

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For All Your Needs
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Available In 12 Colors:
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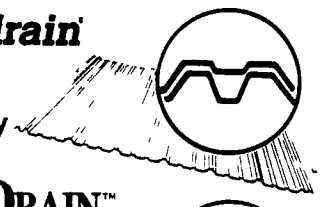
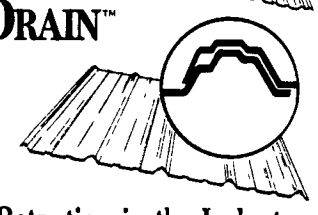


WHEELING **CENTURYDRAIN™**

NEW PAINT



Best Color Retention in the Industry
Full Line: Nails, Trim, Screws, Soffit, Fascia, Plyco Doors & Windows, Side Rails, Etc.
Note: Same Day Delivery Or Pick Up Most Cases!

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150 Slate Road, Ephrata, PA 17522
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11 Ton
102'
Boom

Call For Appointment

automatic farm systems
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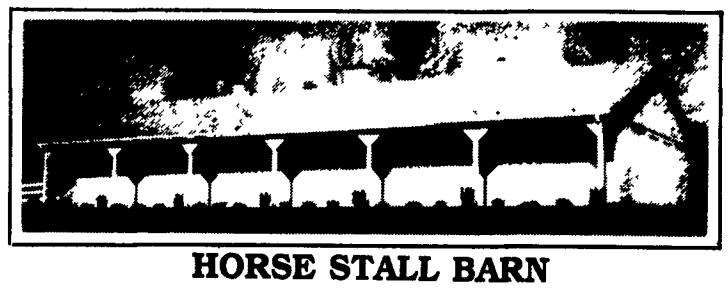
AGRI-INC.
Custom Built Farm Buildings Designed To Your Needs

RIDING ARENA



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Let Our Experience Work For You

- Dairy Complexes And Replacement Stock Facilities
- Horse Stall Barns And Riding Arenas
- Workshop And Machinery Storage Buildings
- Timber Column Buildings For Light Commercial

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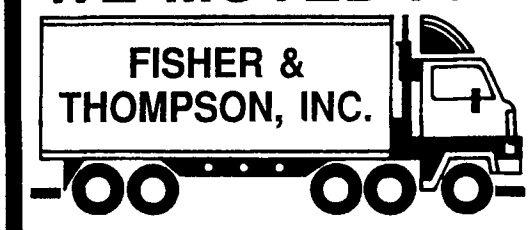

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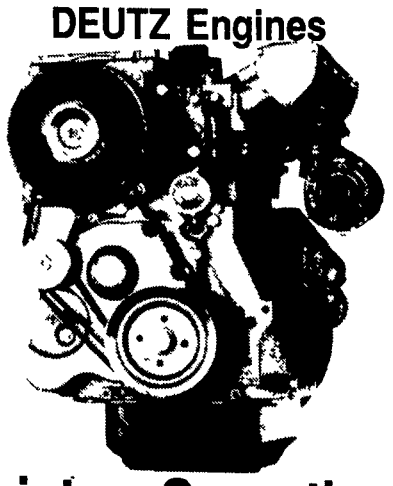

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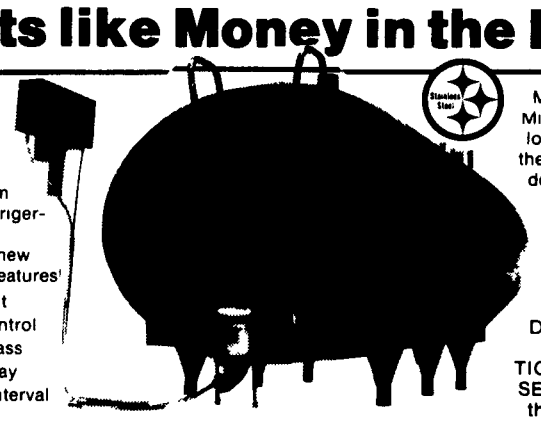

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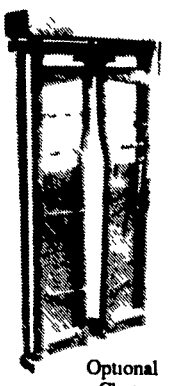

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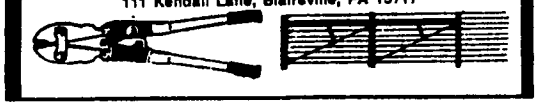

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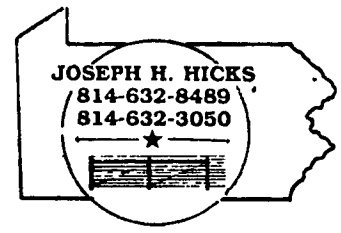

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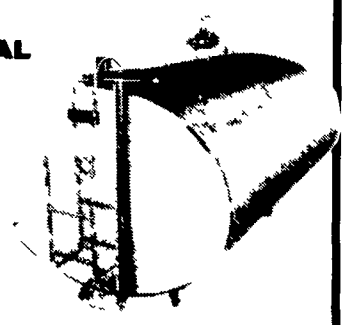

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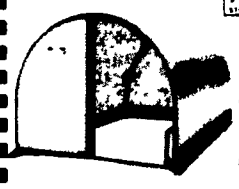

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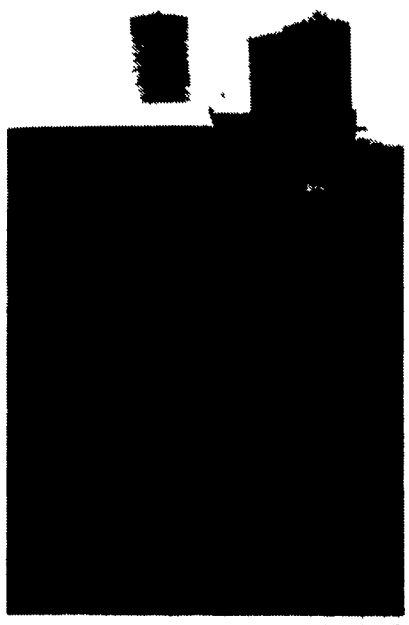

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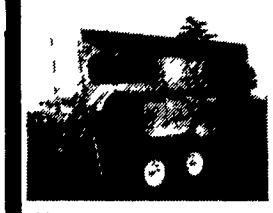
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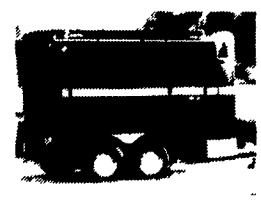
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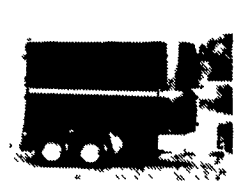
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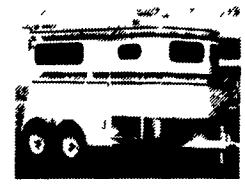
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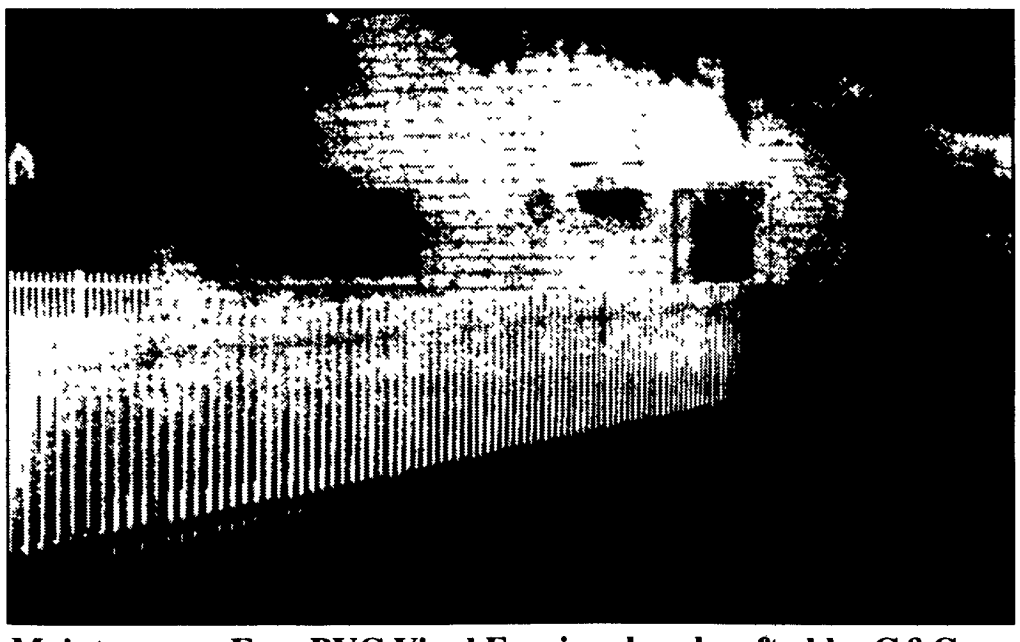

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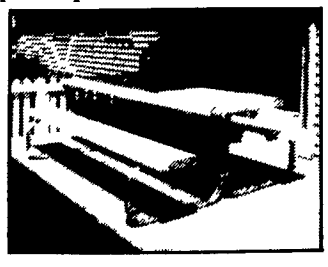

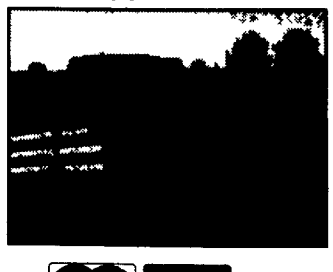

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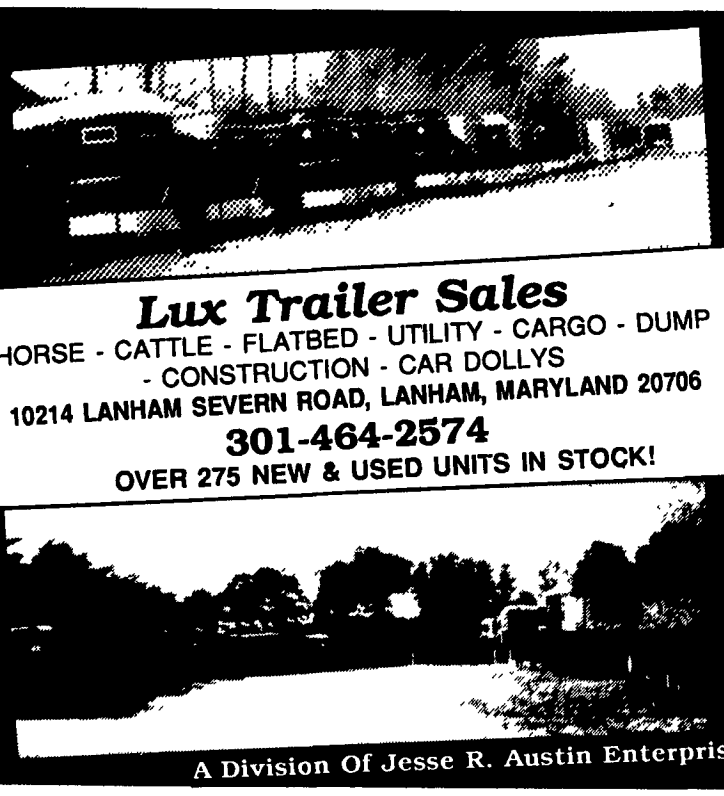

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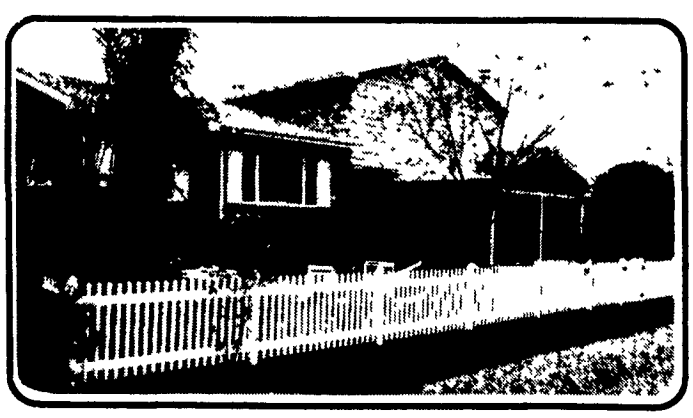

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Regularly Scheduled Sales Will Be Held The 4th Saturday Of Each Month 3/27, 4/24, 5/22, 6/26, 7/24, 8/28, 9/25, 10/23, 11/27, No Sale December.
SPECIAL SALE WITH HORSE TRAILERS BEING SOLD: 4/3, 5/1

Standing At Stud

Hollywood Peppy - AQHA Palomino
BO Daniels - AQHA Chestnut
Both Stallions Are In The AQHA Incentive Program For 1993
"Registered Quarter Horses For Sale At All Times"
DIAMOND G RANCH QUARTER HORSES INC.
RD #4, Boyertown, Penna. 19512
Call After 6 PM
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Bedding:
Saw Dust; CRW (Cleaned Recycled Wood); Locust Posts, 4x4x7.
717-367-1006

MULES FOR SALE

1 load of mules from West Virginia, and 17H, 3 year old,
Ivan K. Stoltzfus
(215) 445-5956

10 SHEEP & GOATS

12 Horned Dorset Ewes and 1 Ram, No Papers. 717-235-0515.

(2) Southbound yearling rams, (1) 4 year old Dorset ram, large. Will deliver. 215-459-0408 Weekdays after 6PM; Weekends anytime.

Dorset ewe flock registered and crossbred, good bloodlines. York (717)428-3861.

Flock of 12 Polypay sheep, some registered, w/lambs. Take 1 or all. Johnathan Beiler, 1663 Noble Rd, Kirkwood, PA 17536.

FOR SALE: Pygmy goats, Reg. fainting goats; 6 month old min. horse. 215-926-3487.

Pair Jacob sheep, both dehorned, 2-years old, grade, mottled fleece. Also, their 1992 lamb $60 each, all for $170. 215-795-2252 7PM to 10PM

Pygmy goat, 3 month old, white carmel buck from reg stock, $85 (717)733-3975.

Reg Corridale Rams, One 2 year old, 2 yearlings All placed well at 1993 Farmshow. Good wool and body conformation Reasonable Price. Call for details. 717-867-1305.

SPECTRUM SHEPHERDING SERVICES, INC., C. Soth, 410/557-9362, shearing, foot trimming, lambing, etc. Wool classing, baling, marketing.

11 SWINE

(2) Yorkshire and (2) Duroc gilts, ready to farrow from registered stock. 717-637-7586.

Bennecoff Hogs- Boars for Sale: Hampshires, Berkshires, Poland China, Service Age, Bred Guilts. (215)285-6582; (215)285-6581

Duroc, Yorkshire, Spotted, Chester White & Landrace Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

Yorkshire and Hampshire boars and gilts from healthy and productive herd, Delivery available. Charles B. and Mark W. Hall, RD#1, Box 263, Julian, PA 16844. Centre County. (814)355-1647.

Yorkshire boars, testing complete. If called before, please call again. (215)593-6275.

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1950 South 5th Ave.
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YORKSHIRE, HAMPSHIRE, DUROC, LANDRACE & HYBRID BREEDING STOCK
CANADA'S LARGEST PUREBRED ROP TESTING HERD

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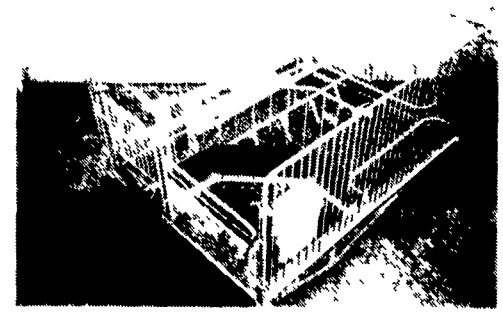
- More sow exercise
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- Higher weaning weights
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Landrace that will make a difference. We are proud to announce we had the 4th high indexing pen at PSU.

These boars will be sold by video auction Feb. 17, 1993 as part of the Keystone Pork Congress.

For catalogs or further information, contact Glenn Eberly at the Meat Animal Evaluation Center. 814-238-2527

		Adg.	B.F.	L.E.	Index
Red	36-5	2.40	0.66	6.09	137
Green	36-2	2.09	0.58	6.48	119
Blue	36-8	2.06	0.76	6.48	101

Feed Eff: 2.45; Pen Index: 125

PENNSYLVANIA'S 17TH
PERFORMANCE TESTED BOAR SALE
WEDNESDAY, FEBRUARY 17, 1993
3:30 P.M.
AT THE PENN HARRIS CONVENTION CENTER IN CONJUNCTION WITH THE KEYSTONE PORK CONGRESS
BOARS ON TEST:
4 Poland China 48 Yorkshires 8 Durocs
8-Landrace 9-Hampshires 4 Berkshires
CATALOGS AVAILABLE UPON REQUEST
ABOUT FEBRUARY 1ST
For Information Contact:
GLENN EBERLY At (814) 238-2527
or write to:
Pennsylvania Department of Agriculture's Meat Animal Evaluation Center
651 Fox Hollow Road
State College, PA 16803
Selling Approximately 45 Boars By Video Tape
Most of the boars already have completed their test with average gains 2.20 lbs/day
Boars are available for inspection prior to sale day in State College.
An open house is scheduled for February 7th at the MAEC from 1-4 PM
Sale is sponsored by the Pennsylvania Department of Agriculture in cooperation with the Penn State University and the PA Pork Producers Council

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40 years of Tested Genetics

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Landrace
Duroc
Yorkshires
Large Whites
F1 Crossbreds

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RD #1, Box 1575, Felton, PA 17322
(717) 993-6237

We are proud to announce our 3rd place finish at P.S.U. Winter Boar Test Sale Feb. 17th at 3:30.

	A.D.G.	D/230	B.F.	L.eye	FE
4-8	*2.47	145	0.79	**6.51	
4-7	2.23	152	0.56	6.13	Avg.
3-4	2.24	144	0.61	5.58	2.55

* Tied for top gaining York on test
** Second largest loineye of test (Yorkshire)

For catalog & phone bid contact Glen Eberly
814-238-2527

Free delivery on all Hot Test sired boars to South, Southeastern, Southcentral areas of PA, all MD, Del. Others delivery available.

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- York x Landrace, Purebred Gilts
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FOR SALE: Registered Hampshire Boars and Bred Gilts. Nine months old. Todd Cauffman 717-444-3232.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

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Steven Valleys, PA 17360
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PIG NO.	ADG	DAYS TO 230	B.F.	L.E.	INDEX
1-3	2.5*	141	.57	6.23	140**
1-1	2.3	148	.61	6.54**	119
1-2	2.2	149	.58	6.47	115
2-3	2.0	161	.67	6.51	92
Pen Average	2.25	150	.61	6.44**	116

* Top Gaining Boar In Sale
** 3rd Highest Indexing Boar In Sale
** 3rd Largest Loin-Eye In Sale
** Top Loin-Eye Pen Average On Test
4th Leanest Pen Average (.61 BF) On Test
5th Gaining Pen Average (2.25 ADG) On Test
5th Place Finish Indexing Pen On Test

The Heaviest Muscled & One of the Most Aggressive Pens Of Boars On Test... Can Be Seen At Pa. Boar Test Station Anytime Or All-Day-Long On Video At The "Keystone Pork Congress" Penn Harris Convention Center Harrisburg, Pa. Wednesday, Feb. 17, 1993.

FREE DELIVERY ON ALL BOARS
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PENN STATE TESTED BOAR SALE - WED., FEB. 17, 1993 (VIDEO AUCTION)
3:00 P.M. KEYSTONE PORK CONGRESS, HARRISBURG, PA
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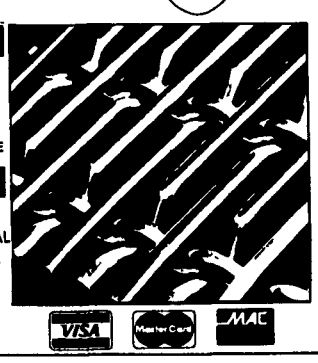

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ARNOLD HOG FARMS

Penn State Tested Boars Selling 8 Yorkshire, Wed., Feb. 17, 1993 by Video Auction at Keystone Pork Congress, Harrisburg, Pa.

	Sire	D/230	BF	Loin	F.E.	Index
30-1	Awesome	154	.56	6.09	2.51	114
28-2	Citation	147	.70	6.07	2.68	110
28-6	Citation	152	.77	5.29	2.68	108
30-6	Awesome	148	.80	6.05	2.51	108
30-3	Awesome	154	.73	5.96	2.51	96
31-15	Apple	143	.87	6.16	2.60	94
31-5	Apple	148	.91	5.47	2.60	90
31-1	Apple	150	.78	5.23	2.60	89

These Boars Can Be Seen At PA Boar Test Station Anytime Or At Open House February 7, 1993. "Refreshments"

We will also have a video of them at Booth #26 Keystone Pork Congress. We are offering free buying service on all boars and free delivery on Arnold's boars to areas south of Penn State to Lancaster County. Delivery available on other boars.

Consigning 10 Bred Gilts to CT Swine Breeders Sale, Storrs, CT. Saturday, February 20, 1993. Also free trucking to sale barn. Room for 10 head first come first serve.

Consigning to PA Invitational Show - Sale. Saturday, March 6, 1993 Lebanon.

All animals vaccinated for rhinitis, erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds. Tested monthly.
Herd health Dr. Tim Trayer. 1-800-222-4084 PA Only.
717-733-0513 Others.

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Selling Project Feeder Pigs, Bred Gilts, Boars & Open Gilts

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717-273-5880

Catalogs Available
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Lawrence Arnold
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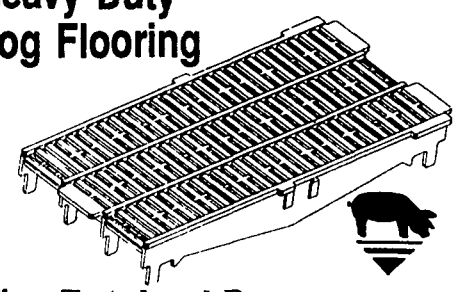

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13 HOG EQUIPMENT & SUPPLIES

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KEYSTONE PORK CONGRESS

Wed. - Feb. 17

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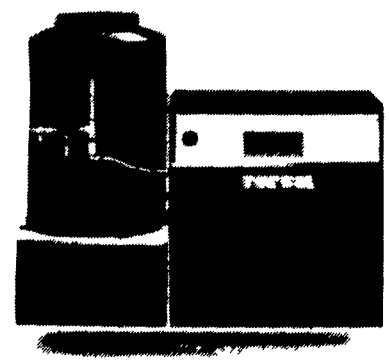

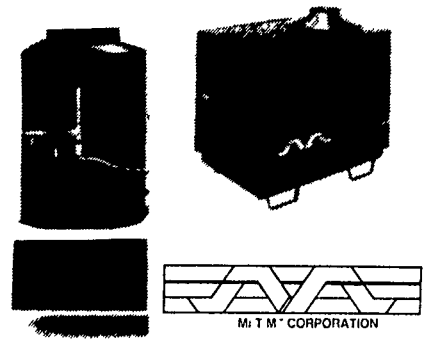

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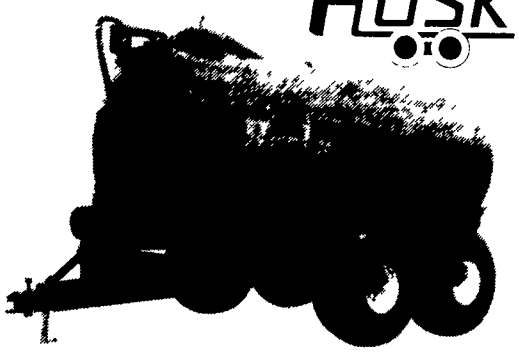

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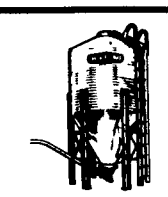

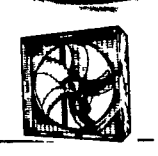

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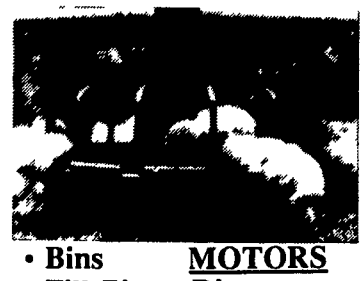

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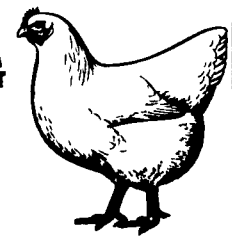

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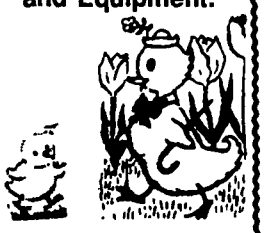

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717-365-3234
Fax 717-365-3594

Chukars 66¢ Ea. - 1000 Quail 23¢ Ea. - 1000
Pheasant 74¢ Ea. - 1000 Silkies 89¢ Ea - 1000

Chukar		Bobwhite		Ringneck	
$48	50	$30	50	$52	50
$80	100	$38	100	$84	100
$182	250	$88	250	$205	250
$345	500	$145	500	$395	500
$660	1000	$230	1000	$740	1000

Silkies	
$55	50
$99	100
$172	250
$465	500
$890	1000

DOUBLE R FARMS
RD #2 Box 92
Templeton, PA 16259
412-868-2173

Chicks Shipped Anywhere In USA. Guaranteed Live Delivery. Chukars Available Year-Round

---

THE WORLD LEADER IN SPRAYERS!

A.B.C. Groff, Inc. - Sprayers Big Or Small, We've Got Them All

TL 300

TL 300 w/35' boom and 1202 diaphragm pump (0-210 psi and 0-22 GPM)

Quality-built economy model 300 gallon tank, manual controls, diaphragm pump and self-stabilizing manual fold boom.

- **TL 300 Single Axle With 35' Self-Stabilizing Boom And Diaphragm Pump**

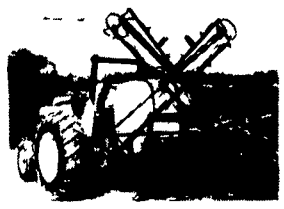
SALE $4,150 Free Clean Water Dispenser Until 2/17/93

TR - This "Farmer-Proven" Line Is A Familiar Sight On American Farms.

- **500 Gal. Tandem Axle, 45' Hydraulic Boom, Foam Marker And Chemical Filler**

SALE $10,500 Free Clean Water Dispenser Until 2/17/93

DESIGNED TO DELIVER



NK sprayers are especially engineered for accurate, economical chemical application, with all of the sophisticated features of a trailer sprayer. Suitable for 30-60 HP tractors

- **NK 55 Gal. With 35' Self-Stabilizing Boom, Hardi-Matic Flow Proportioning Constant Pressure System Top Drain And Diaphragm Pump**

SALE $3,250 Free Clean Water Dispenser Until 2/17/93

NEW PRODUCTS

- New Eagle no-till hydraulic fold boom
- New MB air suspension
- New line of high clearance trailers
- New boom flushing & tank rinsing kits
- Safety equipment
- Nozzle selection & calibration

TR 210 MAXI-SPV TRAILER SPRAYER
Designed To Perform!

SPV range has a unique system of flexible hoses of varying lengths with individually adjustable (both horizontally and vertically) spouts.

This system allows you to direct the flow and angle of air and liquid to specific areas in the foliage resulting in extremely accurate application and thorough penetration.

- **210 Gal. Trailer Sprayer - Great For Dwarf And Semi-Dwarf Trees, Vineyards, And Other Bush Crops**

SALE **$4,150** Until 2/17/93

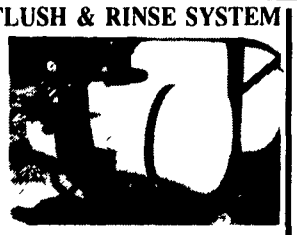
NL SPRAYERS - Affordable

If old-fashioned economy, dependability and serviceability are important to you, then you'll appreciate the NL Range.
NL Sprayers are designed to grow with your needs. Many options are available.

- **NL 80, 8 Gal. w/26' Boom, Handgun, 25' Hose & Hose Wrap**
  SALE **$1,690** Until 2/17/93
- **NL 105, 105 Gal. w/26' Boom, Handgun, 25' Hose & Hose Wrap**
  SALE **$1,790** Until 2/17/93

NEW FLUSH & RINSE SYSTEM

For 1993 Hardi is Introducing A Flush & Rinse System For Trailer Model Sprayers



1 Flushes Pump, Controls, Self Cleaning Filters And Spray Lines To Avoid Residue Buildup And Possible Plugging Of Nozzles, Screens, And Spray Lines

2 Rinses The Tank Between Tank Loads Of Different Chemicals Or At The End Of The Day Or Season

- **RETAIL VALUE $575 - Order A 1993 Model TR or HC 500 Gal. Trailer Sprayer Or Larger (Except Twins) & RECEIVE A FREE Flush System**

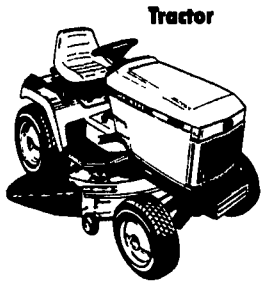
SPRAYER CLINIC
Winter 92/93
ATTEND OUR CLINIC AND QUALIFY FOR PESTICIDE LICENSE POINTS
OUR STORE - WED., FEB. 17th 6:30 PM

ABC GROFF Since 1890 The Name You Can Trust
110 South Railroad Ave.
New Holland, PA 17557
(717) 354-4191
Monday Thru Friday 7:30-5:00
Saturday 7-Noon
HARDI

YOU SAVE BY DEALING WITH US On Quality Used Equipment

ABC GROFF Since 1890 The Name You Can Trust

240 Lawn and Garden Tractor



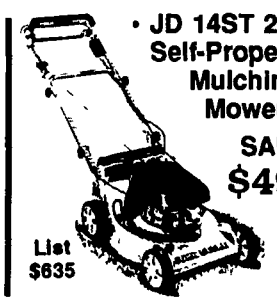
240 Lawn and Garden Tractor (shown w/Hubcaps)

★ LAWN & GARDEN OPEN HOUSE SPECIALS ★

- ▲High-torque, 14-hp John Deere K-Series engine with overhead valves and full-pressure lubrication
- ▲Durable 6-speed gear drive with in-line shifting
- ▲Quick-change implement system allows hookup/removal of attachments in five minutes or less
- ▲Tight 25-inch turning radius for excellent maneuverability

- **JD 770 4 WD, 24 HP $7,900**
- **JD 870 4WD, 27 HP $10,500**
- **JD 5200 2 WD, 40 HP $13,900**
- **240 L&G Tractor w/46 Mower (1 Only) $3,495**

LOW HOURS - VERY GOOD CONDITION!



List $635

- **JD 14ST 21" Self-Propelled Mulching Mower SALE $499**

- **JD F911 22 HP Liquid Cooled w/60" Mower (Demo Unit Only)**

Roll Bar Optional $8,995

F911 Front Mower (shown w/60-Inch Deck)

SPREADERS

- 6420 NH 520 • $4,500
- 8981 NH 676 - $2,700

PLANTERS

- 9094 JD 7000 6 Row Cons. Planter - $7,400
- 8585 JD 7200 4 Row $10,900 - LIKE NEW!

SKID LOADERS

- 455 • 553 • 555 • 781 • 783

TRACTORS

- 9093 JD 4240 Cab - $21,500
- 9031 JD 4240, Call For Price!
- 9352 JD 3010, Gas, WF - $3,900
- 6585 JD 4010, 80 HP - $5,900
- 7450 JD 4630- $18,500
- 9168 MF 275 67 HP - $7,900
- 9392 Ford 3910 4 WD, 328 Hrs - $14,900
- 9223 Ford 9600 130 HP - $8,900
- 7687 AC 8010, 106 HP - $17,900

BALERS

- 6029 NH 848 Round Baler With Net Wrap
- 6810 NH 1469 SP Haybine - $3,900
- 6559 Hesston Centerline - $4,900
- 4764 NH 855 Round Baler - $7,500

MISCELLANEOUS

- 8462 NH 411 Discbine - $8,900
- 8351 NH 479 Mower Conditioner - $1,900
- 9122 NH 489 Mower Conditioner - $2,500
- 7854 Hesston PT7 Mower Conditioner - $1,950
- 9026 JD 3940 Harvester - $3,500
- 7473 NH 216 Rake - $7,900
- 6769 JD 1600 Chisel Plow - $2,500
- 6769 JD Chisel Plow, 10 Shank - $2,500

ABC GROFF Since 1890 The Name You Can Trust
110 South Railroad Ave.
New Holland, PA 17557
(717) 354-4191
M-F 7:30 to 5:00
Sat. 7:00 to Noon
JOHN DEERE

Ford FORD NEW HOLLAND

ABC GROFF

Since 1890
The name you can trust

FORD NEW HOLLAND DAYS

YOUR FARM EQUIPMENT SPECIALISTS

OPEN HOUSE

FEBRUARY 8-20, 1993

FEB. 11 & 12, 1993

AWARD WINNER

SEE THE AWARD-WINNING POWERSTAR™ TRACTOR

The American Society of Agricultural Engineers voted the new Ford PowerStar™ tractor as an outstanding innovation The "AE 50" award distinquished these tractors for productivity, efficiency and operator comfort
Here are some of the reasons why.

- **New, efficient Genesis™ engines with excellent torque response**
- **New transmissions, including the 16x16 Plus Command™**
- **New cabs**
- **New roomy deck designs**
- **New responsive, hard-working hydraulics**
- **Six new models, 66 to 106 PTO hp**
- **Choice of 2WD or 4WD**

Test drive one of these award-winners for yourself.

Check out the Award winning Power Star Tractor
Winner of American Society of Agricultural Engineers "AE 50" award for productivity, efficiency and operator comfort

The most popular medium-duty harvester

If you want high-quality feed, you'll like the fine, uniform chop you get from the Model 718 forage harvester It's the only medium-duty harvester available with a 12-knife cutterhead to give you a controlled, even cut. The uniform length of cut makes for easier unloading, blowing, storing and feeding And you can choose from four crop-saving heads — a one- or two-row cornhead, a windrow pickup or a sicklebar
No wonder the "718" is the best-selling medium-duty forage harvester in the country. Stop in soon and set up a demonstration

Ford 6610...2 wheel drive..... **Special Price**

New Holland 718 Forage Harvester with electric controls..... **CASH $9,200⁰⁰**

All prices CASH - F.O.B. NEW HOLLAND
★ LIMITED QUANTITIES ★

	OPEN HOUSE
New Holland 254 Rake Tedder	CASH $3,650⁰⁰
New Holland 256 Rake Tedder with new tires, w/steel teeth	CASH $2,650⁰⁰
w/rubber teeth	CASH $3,050⁰⁰
New Holland 790 Forage Harvester, 1000 rpm, 11Lx14 tire w/Metalert II	CASH $12,800⁰⁰
New Holland 408 Discbine (Demo)	CASH $9,400⁰⁰
New Holland 570 Baler	CASH $9,275⁰⁰
New Holland 1003 Bale Wagon	CASH $12,300⁰⁰
New Holland 1037 Bale Wagon	CASH $19,300⁰⁰
New Holland 463 Disc Mower	CASH $4,900⁰⁰
New Holland 612 Wagon Tandem Axle running gear w/125L Tire	CASH $2,495⁰⁰

$50.00 WORTH OF FREE TOYS

With each new Ford Tractor, or New Holland Equipment purchased during our open house February 8 thru 20, 1993

10% OFF STOCK ITEMS NOT ON SALE

FORD NEW HOLLAND PARTS DAYS

SUPER DEAL

134 Hydraulic Oil

	Reg. Price	
2.5 gallons	$13.99	$9.99
5 gallons	$24.50	$19.95
30 gallons	$145.00	$115.00
55 gallons	$245.00	$195.00

Engine Oil

NOW ONLY

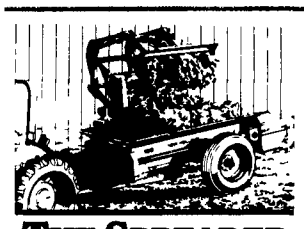
30W, 10w 30 or 15w 40

	Reg. Price	
1 quart	$1.39	$1.09
2.5 gallons	$12.50	$9.95
5 gallons	$23.50	$18.95
30 gallons	$142.00	$110.00
55 gallons	$235.00	$190.00

GREASE TUBES 14 oz. Case of 10 **$10.50**

WD-40 12 oz. Can
Reg. $2.99 **Open House $1.99**

		Reg.	SALE
Gear Lube	1 quart	$1.69	$1.59
	2.5 gallons	$14.95	$11.95
ATF Dexron II	1 quart	$1.69	$1.59
	2.5 gallons	$14.95	$11.95



THE SPREADER FOR ANY FARM

Ford New Holland offers six quality spreaders to match any farming operation All New Holland spreaders clean out fast to make quick work of dirty jobs

Model	*Capacity (bu)
125	139
135	174
145	215
155	260
185	340
195	440

*cu ft (heaped double beater)

Stop in today and check out our New Holland 100 Series spreaders North America's best sellers

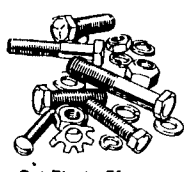
100 SERIES
NEW HOLLAND SPREADERS

125, 145, 155, 185, 195

Hydraulic Cylinders ► SAVE $ Open

Size	Reg.	House
2 0x8	$59 95	$49.95
2 5x8	$69 95	$49.95
3 0x8	$79 95	$49.95
3 5x8	$89 95	$54.95
4 0x8	$99 95	$64.95

WE'RE YOUR HARDWARE HEADQUARTERS



We've Got Plenty Of Nuts, Bolts, Washer - Grade 5 **95¢** Lb.

ELECTRONIC SCALES

To Fit New Holland Grinder Mixers

Reg. $1,549

OPEN HOUSE $1,499

REPLACEMENT ENGINES FOR FORD TRACTORS

BSD333H, 3 cyl. 64 hp
Reg. $4,031.95
Open House $3,195.00

★ ★ ★ ★ ★ ★ ★

BSD444T, 4 cyl., 102 hp
Reg. $5,989.95
Open House $4,695.00

TWINE SPECIALS

7200N	$21.00
9000N	$21.00
10000N	$21.00
16000N	$21.00
4000P	$24.00
7200P	$22.00
9000P	$22.00
9600P	$25.00
20000P	$22.50

Quantity breaks on twine as follows:

10-24	25	50-99	50
25-49	75	100+	1 00

Similar Savings on Net Wrap & Stretch Plastic

SAVE ON FORD NEW HOLLAND PARTS & REAL DEALS

Tag #	Description	Reg.	NOW
219190	Mower guard	$8 48	$7.35
219191	Haybine guard	$6 65	$7.35
29875	Section U S	$ 53	$.44
9622744	Section O S	$ 49	$.44
7729875	Section - Tiger tooth	$1 34	$.99
64562	Steel Rake teeth	$ 80	$.69
850612,3,4	Rubber Rake teeth	$3 33	$2.80
127566	Standard Baler teeth	$1 21	$1.05
131673	Super Sweep Baler teeth	$1 47	$1.25
9607733	Baler Plunger knife	$26 65	$21.95
255699	Spreader Paddle ('92 price)	$19 11	$10.95

FORD PARTS SPECIALS

Tag #	Description	Reg.	NOW
E7NN6714AA	Dual "300" oil filter fits most 3 & 4 cylinders	$3 69	$2.99
E7NN6714BB	Oil filter-fits most 6 cyl	$10 69	$8.95
D5NN6714A	Oil filter - fits most tractors with turbo	$8.71	$7.59
EDPN9N074AA	Fuel filter - fits most tractors	$3.49	$2.99
636843	Hyd. filter-fits skidloader	$10 44	$8.95
634958	Hyd. filter - fits skidloader	$8.91	$7.95
	SEATS		
85NY400CA	Complete Seat Assem. w/Base	$277.95	$199.95
251054BDS	Seat - fits most Fords	$64.95	$49.99

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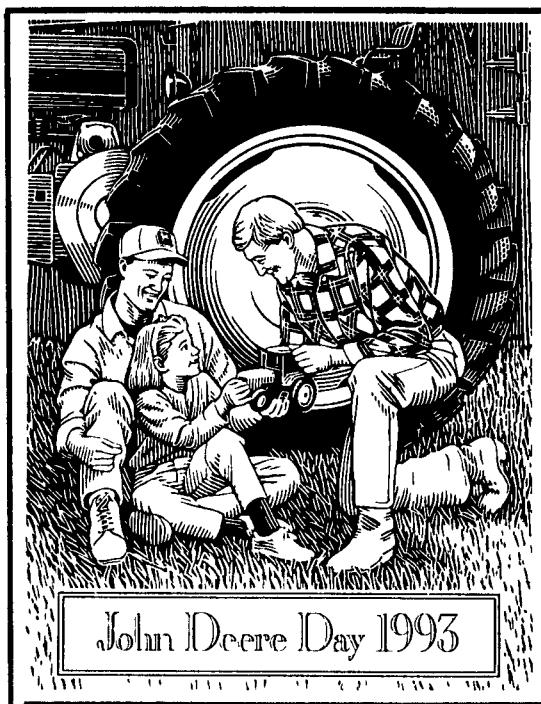
Since 1890
The name you can trust

110 South Railroad Ave.
New Holland, PA 17557
717-354-4191

HOURS:
M-F 7:30-5:00
Sat.: 7:30-12:00

Ford FORD NEW HOLLAND

★ **ON DISPLAY THE NEW FORD 40-SERIES POWER SHIFT TRACTORS**



ABC GROFF

Since 1890
The name you can trust

OPEN HOUSE

JOHN DEERE

FEBRUARY 8-20, 1993

WE SAVE YOU & WE SERVE YOU!

Purchase a New John Deere ag tractor or farm implement during our John Deere Days Feb. 8 through 20 and receive a John Deere Jacket FREE A Tribute to your commitment to quality and service

HOT DEALS

SEE AND EXPERIENCE AMERICA'S HOTTEST TRACTORS

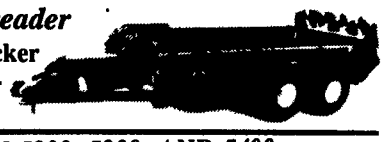
6000 AND 7000 SERIES

Find Out Why The Competition Is So Worried! Get Hot Deals On 55 Series Tractors While They Last

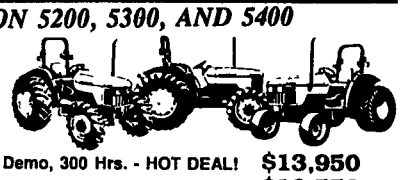
- 2755 75 HP MFWD Hot Deal In Stock
- 2955 85 HP Sound Gard Body Hot Deal, In Stock
- 4255 120 HP Power Shift, Sound Gard Body, Hot Deal, In Stock

Hydra-Push™ Spreader

Bigger Capacity. Slicker Finish. Same self-cleaning design.



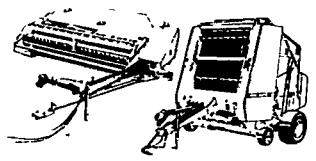
HOT DEALS ON 5200, 5300, AND 5400 TRACTORS



- 5200, 40 HP, 2WD HOT DEAL **$15,650**
- 5200, 40 HP, 2WD, Demo, 300 Hrs. - HOT DEAL! **$13,950**
- 5400, 60 HP, MFWD, Demo, 300 Hrs. - HOT DEAL! **$19,550**

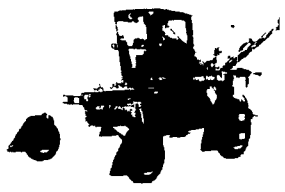
HOT DEALS ON HAY AND FORAGE TOOLS

Buy now and pocket big factory discounts on John Deere hay and forage equipment



- **1219 Mower Conditioner HOT DEAL! $9,590**
- **375 Round Baler HOT DEAL! $11,290**
- **3950 Forage Harvester HOT DEAL! $14,300**
- **1460 Mower Conditioner HOT DEAL! $12,290**

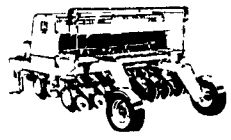
DISCOVER THE NEW MODEL 6500 SELF-PROPELLED SPRAYER!!!



The 6500 Self-Propelled Sprayer is designed with commercial applicator practices in mind, yet is suitable for everyone. Some of the main features of this totally new sprayer are the hydrostatic drive, optional wide front axle and an optional electronic spray rate control monitor.

EXPERIENCE JOHN DEERE COMFORT AND QUALITY COMBINED WITH HI-TECH FEATURES - NOW 2 IN STOCK! BEST DEALS FOR EARLY PURCHASE!

The 750 No-Till Drill...the standard for comparison



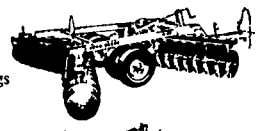
- Opener, seed tube and closing/firming action all takes place in less than 30 inches of travel for superior accuracy.
- Rugged, heavyweight design cuts through the toughest residue.

GET A HOT DEAL ON A "REAL NO-TILL DRILL" -

Now 2 In Stock - Ask About Finance Waiver Until April 1, 1993

HOT DEALS ON TILLAGE TOOLS

Buy now and pocket big factory savings from John Deere



- 630 Disk, 12'2" - HOT DEAL! **$6,350**
- 635 Disk, 12'2" - HOT DEAL! **$7,350**
- 630 Disk, 20'9"-HOT DEAL! **$13,250**
- 724 Mulch Finisher, 12'8" - HOT DEAL! **$7,750**
- 970 Roller Harrow, 12' - HOT DEAL! **$7,150**
- 960 Field Cultivator, 12'4" - HOT DEAL! **$3,890**
- 915 V-Ripper, 5 Shank HOT DEAL! **$7,490**
- 960 Field Cultivator, 21'6" - HOT DEAL! **$6,390**

Save On John Deere Parts & Hot Deals!

FILTERS

Tag #	Description	Reg.	Now
T19044	Engine oil filter	$3 62	$3.08
AR43634	Engine oil filter	$8 26	$7.02
RE43634	Engine oil filter	$10 96	$9.32
AR50041	Fuel filter	$8.31	$7.06
AR86745	Fuel filter	$14.71	$12.40
AR75603	Hyd. oil filter	$4.30	$3.66
AR94510	Hyd. oil filter	$22.23	$18.90
AR79679	Air filter	$30.16	$25.64
AR79680	Air filter	$17.47	$14.85
AR79941	Air filter	$22 06	$18.75
AR84228	Air filter	$22.10	$18.79
AR80652	Air filter	$37 68	$32.03

JOHN DEERE SPRAY PAINT

Tag #	Description	Reg.	NOW
TY6466	Green paint	$4.51	$3.85
PT100	Yellow paint	$4.51	$3.85

JOHN DEERE POWERED GRAPHITE

B33379 Reg. $2.63
Open House $2.00

OIL

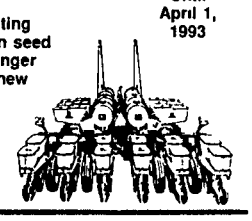
Tag #	Description	Reg.	NOW
AR69445	55 gal. Hy Guard	$243.00	$218.70
AR69444	5 gal. Hy Guard	$24.51	$22.05
AR63219	5 gal. #30 engine oil	$24.50	$22.50
AR63232	55 gal. #30 engine oil	$240 00	$216.00
TY6301	55 gal. #15-40 engine oil	$255 00	$229.50
TY6298	5 gal. #15-40 engine oil	$26.00	$23.40
TY6390	5 gal. #15-40 plus 50 oil	$25 50	$22.95
TY6391	55 gal. #15-40 plus 50 oil	$265.00	$238.50
TY6394	55 gal. #30 plus 50 oil	$265.00	$238.50
TY6393	5 gal. #30 plus 50	$26.50	$23.85

High-accuracy *7200 Conservation Planters*

IN STOCK:
JD 7200 6 Row And 4 Row Planters -
No Interest, No Payment Until April 1, 1993

Today's smaller seeds and high planting speeds have placed new demands on seed metering systems. Today, old-style finger pick-up meters just can't match the new technology of John Deere's vacuum meters for accuracy.

Our improved vacuum meters will gain up to 17% better seed spacing in corn and up to 21% better seed spacing in soybeans.



JOHN DEERE PLANTER PARTS:

Carrier Plate and Brush ONLY $20.99 AA35644

Seed Belt ONLY $5.40 A22451

Tru-Vee Disk and Bearing ONLY $21.99 AA37474

Finger Pickup Assembly ONLY $22.88 AA31261

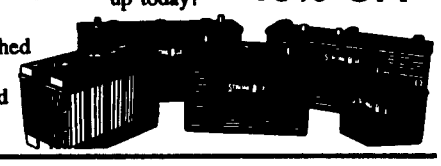
Seed Brush Set ONLY $2.99 AA35660

B30275	Finger	$1.29
A22884	Gauge Wheel Tire	$15.45
A22780	Gauge Wheel Half	$7.61
AA38104	Gauge Wheel Arm	$23.50
AA38105	Gauge Wheel Arm	$23.50
AA33297	Closing Wheel w/ Bearing	$24.99
AA21480	Double Disk Opener Brg.	$5.99
AA35741	Shaft Bearing For Gauge Wheel	$4.85

StrongBox Batteries

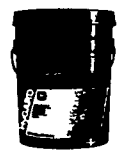
Pick yours up today! **10% OFF**

Built to withstand the pounding dished out by heavy equipment. And, our Lifetime Trade-In Offer is still good even when the warranty wears out.



Hy-Gard® Hydraulic and Transmission Oil and Torq-Gard Supreme® Plus 50 Engine Oil

The best engine oil on the market today. Formulated for John Deere engines.



55 Gal. Drums TYPE	OPEN HOUSE SALE	5 Gal. Open House SALE
30W	$216.00	$22.50
30W Plus 50	$238.00	$23.85
15W40	$229.00	$23.40
15W40 Plus 50	$238.50	$22.95
Hy-Gard	$218.70	$22.50

- ★ DOOR PRIZES
- ★ BIG SAVINGS
- ★ MEALS
- ★ DEMO'S
- ★ MOVIES
- ★ CLINICS

SCHEDULE OF EVENTS

Thursday, February 11th
Ford New Holland Day
10:30 till Noon - Demo's
Noon till 1:00 - Lunch
1:00 till 3:00 - Demo's
7:00 p.m. Family Night Movies

Friday, February 12th
Ford New Holland Day
10:30 till Noon - Demo's
Noon till 1:00 - Lunch
1:00 till 3:00 - Demo's
7:00 p.m.- Non-Toxic Agricultural Farming
Herm Haas, Biological Soil Consultant

Monday, February 15th
John Deere Day
9:00 till 11:30 - Demo's & Show
11:30 till 1:00 - Lunch
1:00 till 3:00 - Demo's & Show
7:00 p.m. John Deere Movies

Wednesday, February 17th
6:30 p.m. SPRAYER CLINIC
ATTEND OUR CLINIC AND QUALIFY FOR PESTICIDE LICENSE POINTS!

10% OFF ALL STOCK ITEMS EXCLUDING OPEN HOUSE SPECIAL PRICED ITEMS!!!
SEE US...AND SAVE!

ABC GROFF
Since 1890
The name you can trust

JOHN DEERE

CHUKAR CHICKS
69¢ by 1000
Plus Postage
Guaranteed Live Delivery
10,000 weekly
WOLFE'S GAMEBIRD HATCHERY
RD #2 Box 359
Brookville, Pa. 15825
(814) 849-3430

15 FEED & SEED

1,000 bales Timothy hay for sale Hunterdon Co. NJ 609-397-8738.

1st & 2nd cutting pure Alfalfa Hay, nice NO Rain 215-286-0168.

(2) 17 Ton Feed Bins, Pneumatic and Manual Fill, $500/Each. 717-733-8246.

4th Cutting Alfalfa Haylage, round bales, 50% moisture. Cumberland Co. 717/258-3289.

ALFALFA· Wrapped round bales 100 percent alfalfa Bales approximately 950 lbs 717-273-2608

Alfalfa and mixed hay for sale from private farm in Bedminster, NJ., Exit 26 off I-78 2,000 bales available. Delivery is possible. Call Jim (908)719-9636

Alfalfa and mixed. All cuttings. Small squares, $90 to $130 at barn Will deliver 717-872-2909

Alfalfa Dairy Hay, quality tested, barn stored, large and small square bales, truck loads only delivered Contact Bill or Sharla Woods 1-800-835-2096

Alfalfa Hay, NIR tested, Oat straw Will deliver Phone 215-767-1408

Alfalfa Hay 2nd cutting, $1 50 per bale Dauphin Co 717/944-3620.

AMUNDSON HAY COMPANY Dairy quality, Alfalfa, small squares David Amundson, Route 2, Box 103, Westbrook MN 56183 1-800/398-5931

Wheat straw, hay, feeding oats and dried shelled corn for sale STUMP ACRES (717)792-3216, York Co.

Clean dry straw, dairy quality Alfalfa, stored inside Can Deliver Reasonable Prices 204-355-4980

CORN SILAGE FOR SALE, delivery available 717/393-1490

CORN SILAGE $25/ton, can deliver ALFALFA & ORCHARD GRASS mixed $85/ton at barn (215)488-7597

CORN SILAGE FOR SALE $25/ton in silo, can deliver 717/285-4335

CORN SILAGE, High moisture ground ear corn, hauling available. 215/932-8999

CORN SILAGE 9% protein, $20/ton Delivery available 215/445-6402

Corn silage for sale, high grain content, $25 per ton Delivery available Quarryville (717)786-1458

Corn silage in silo, $22 ton Can deliver Lancaster 717-664-4235

FOR SALE Wheat Straw, $70/ton Lancaster Co 717-665-7284

GOOD QUALITY ALFALFA HAY $120/ton plus delivery 717/867-4867 located near Quentin

Good quality Corn Silage Delivered in your silo. GARBER'S SILAGE SALES, Willow Street 717-464-2894

HAY AND STRAW for horses and dairy Over 35 years of business Reference in your area upon request We deliver No orders too large L J Hay, Inc 1-800-622-9902

Feed by-products, sweet corn silage $14/ton. Also silage mixture 10% protein $24/ton. Clyde H. Kreider, Lancaster, PA 717-898-8927.

FOR SALE BAGGED CORN SILAGE, 6 ton Choretime feed bin w/flex auger Northwest Berks Co 717/933-5827

Hay and straw for sale, real good dairy or horse hay Harvey Heller 717-393-4683

Hay For Sale Large round bales stored inside, alfalfa, alfalfa and grass mixed; also smooth brom grass, excellent for dry cows. Wheat straw. Can deliver 13 bales per load anywhere. Centre Co. 814/359-4101.

Haylage $15/ton, Corn Silage $25/ton. Hay and straw We load on your truck or hauling available (301)253-0575.

Hay for Sale! 717/862-3213; 717/927-9483

Hay, straw, baled shavings, baled shredded paper- Storage Problems? Use our vans, 30 day free use. SUNRISE FARMS, York Springs, PA. (800)634-0987

High Moisture Shelled Corn, Treated With Preservatives. 717-532-2601 Cumberland Co.

High moisture shelled corn from Harvestore silo. Treated w/Silo King (717)367-3550.

High moisture corn for sale in Harvestore silo. Call (717)284-2448, or (717)284-5109

Home Grown Pennscott Clover Seed, $60 Bushel Montour Co. 717-275-2529.

Improved open pollinated seed corn $26-$29 bushel high feed value. Ned Place, RR#4, Wapakoneta, OH 45895 (419)657-6727.

Lanco Home Grown Pennscott Clover Seed 91% State Test Germ, 99 3% Pure $75 Bushel 717-529-2723.

Mixed Hay. Lebanon County Call Mike (717) 49-2227

NIR Tested Corn Silage and Alfalfa Haylage from Ag Bags. Lancaster Co. 717-663-5144.

Nice heavy barley and oats, will deliver Also straw, square bales and large round bales. Stumpland Farm, Berks Co. 215/488-1965.

OATS AND WHEAT STRAW FOR SALE, STUMP ACRES 717/792-3216.

Organically grown Speltz for feed for sale. Cumberland Co 717-530-8260 Evenings

ROUND BALES OF WHEAT STRAW stored inside, $65/ton Can deliver. 717/284-2115 Lancaster Co.

Round oats straw bales, approx 500 lb., $12 each. Also 1000 bushel of oats, no mold $2 25/bushel (717)432-4231

STRAW FOR SALE 2000 bales clean wheat straw, $1 50/bale Delivery available anywhere 703/837-1684

Timoth Hay for sale, $2.50 a bale, 30 pigs for sale Southern York County 717-235-3185

Timothy Hay $2 00/Bale No rain Sch County. (717) 366-1615.

Timothy Orchard hay, green color made young, $110/ton, delivery available 717-345-4109 Eves.

WANTED: Grass or mixed round bales for beef cows. 215-647-3876. Eves.

Will buy moldy grain. 301-833-1847.

Wrapped round bales or alfalfa haylage. Can deliver. Bethel, Berks County. (717)933-4929

Corn Fodder For Sale
$60 Ton - Delivered
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Wrapped round bales of alfalfa haylage
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(717) 866-4299

Wanted Mulch
Hay & Straw
215-869-2078
John H. Lloyd

Wheat Straw
Clean, Nice Color
6,000 Bales At The Barn
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CORN SILAGE, RYELAGE AND WHEAT STRAW FOR SALE
Delivery Available
Star Rock Farms
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WANTED
Good quality Ear Corn. Paid at scale.
Eugene Garman
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Excellent Quality Corn Silage
Silo King Treated
Picked Up Or Delivered
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Middle Earth Farm
is looking for suppliers of quality timothy - timothy/alfalfa mix and bright wheat or barley straw.
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CORN SILAGE
800 tons stored in upright silos
can unload from 2 silos simultaneously
truck scales on farm
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STROCKLAND FARMS
Mechanicsburg, PA
Cumberland Co.

C.M. SCHNELLE FEED
Looking For Suppliers Of
Racetrack Quality Hay And Straw
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FOR SALE
WRAPPED ROUND BALES OF ALFALFA HAYLAGE
Delivered With Skid Loader & Grabber To Put In Your Barn Where You Want Them
Harry Good
Newmanstown, Lebanon County, PA
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Picked up or delivered. Prompt Pay.
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Mervin M. Kreider
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No Sunday Calls

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Cow Hay
Trailer Load Lots.
JANOWSKI BROS.
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Also Buying Wheat and Barley During Harvest Season
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Bagged 80 lb. or Bulk
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Drying - Contracting
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WANTED TO BUY:
Organic Corn, Soybeans Barley or Wheat
Must Be All Chemical and Commercial Fertilizer Free For At Least Last 3 Years
Affadavit Required
Paying Premium Prices
CORNERSTONE GRAIN
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Peanut Hulls, Peanut Skins
Bag or Bulk,
Delivery Anywhere
Will Do Custom Hulling w/Walking Floor Trailer
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60' Trailer Scales
Elizabethtown, Pa.
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KILN DRIED SHAVINGS
January Thru August Contracts Available
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Magnum Plus	$136.00/Bag
VIP	$131.00/Bag
Webfoot	$131.00/Bag
Big Ten	$134.00/Bag
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or 800-545-5474

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Spot or contract prices available
EAR CORN FOR SALE DELIVERED TO THE FARM

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From small quantities to trailer loads.
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Cut your straw bedding costs in half. Call for delivery
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Lower cell counts - All products are hand sorted & magnetized and put through a dust collecting system.
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Or Delivered To Manheim
Custom Drying and Storage Available
Free Until Jan. 1, 1993
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High Moisture plastic wrapped alfalfa orchard grass round bales for sale. $40 each I load, you haul. Call after 6 pm
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4 Cu. Ft. Bale - Dust Free
Delivered FREE
40 bales $150.00 120 bales $450.00

Bagged Dry Shavings For Dairy
Bags (4 cu. ft.) Delivered
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120 for $270.00

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WAXY CORN SILAGE
Improve Your Profits - Waxy Corn Starch Is More Digestible
For More Information About Buying C.F.S. Waxy Seed or Corn Silage, Call
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Will Deliver
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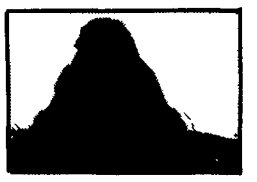
SUPER TARP™
SLEEVE STYLE
TIE DOWN METHOD



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* 5 to 7 years of service (when secured properly)
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* Silver on outside to reflect sunlight
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TOASTED IS TASTIER

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In big bales Also,
Corn Silage
Will Deliver
WILKINSON FARMS
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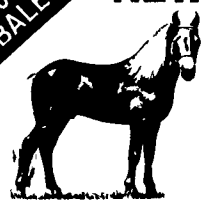
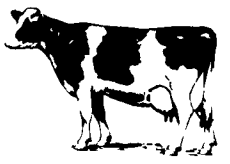
NEWSPAPER BEDDING STRIPS
Shredded 5/8" Wide
As Low As
$40.00 Per Ton FOB
DUST FREE LESS LITTER





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- New Van Dale Stainless Steel Drum Tumble Mixer, 72 Cu Ft Mixing Capacity For A 30 To 40 Cow Operation, Including Mechanical Beam Scale . **$4,600**
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For Mulch
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Ear & Shelled Corn,
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TREE TRANSPLANTERS 3 models, plants trees from 3" seedlings to 10' shade trees. Rentals also available. TREE PLANT DESIGN INC. RD 1, Box 104, New Ringgold, PA 17960 717-386-3515.

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#2, Mixed Variety, Ideal
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18 FRUITS & VEGETABLES

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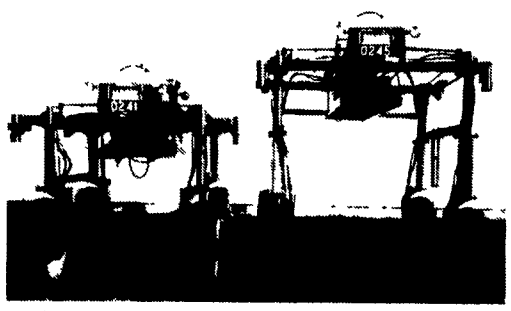

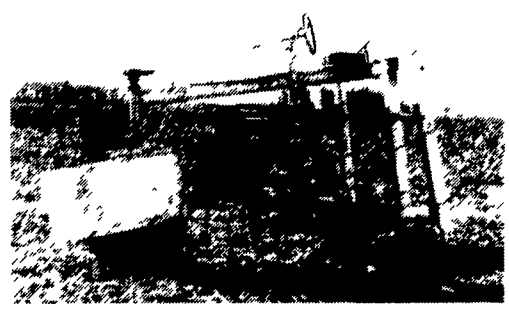

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100 bu. $60.00 300 bu. $90.00 1200 bu. $160.00

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5 yds. $140.00 10 yds. $250.00 15 yds. $330.00

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POULTRY MANURE
* Delivered To Your Farm
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* Order Now For Spring Delivery

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DAVID W. CROSHAW

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PRICE LIST — 1992 and SPRING 1993

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5" - 10" 2 yr. seedling	0.30	0 26	0 150
6" - 14" 3 yr. seedling R.P.	0.36	0 32	0.180
10" - 18" 3 yr. seedling R P.	0.38	0.34	0.190
AUSTRIAN PINE			
5" - 10" 2 yr. seedling	0.30	0 26	0.150
6" - 12 " 3 yr. seedling R.P.	0 38	0.34	0.190
WHITE PINE - Southern & N.E.*			
5" - 10" 2 yr. seedling	0.33	0.29	0.165
6" - 12" 3 yr. seedling	0.47	0.43	0.235
6" - 14" 2-2 transplant	0.85	0.75	0.540
HIMALAYAN PINE			
6" - 12" 3 yr. seedling	0.48	0.44	0.240
VIRGINIA PINE*			
7" - 14" 3 yr. seedling R.P. C.P.	0.35	0.31	0.175
SOUTHWESTERN WHITE PINE			
6" - 12" 3 yr. seedling	0.46	0.42	0.230
NORWAY SPRUCE*			
7" - 14" 3 yr. seedling	0.38	0.34	0.190
6" - 12" 3-1 transplant	0.65	0.60	0.420
6" - 14" 2-2 transplant	0.85	0.75	0.550
WHITE SPRUCE			
6" - 12" 3 yr. seedling	0.39	0.35	0.180
COLORADO BLUE SPRUCE - San Juan, Uncomphre, Rio Grande			
6" - 12" 3 yr. seedling	0.36	0.32	0.180
6" - 14" 2-2 transplant	0.85	0.75	0.550
SERBIAN SPRUCE			
6" - 12" 3 yr. seedling	0.54	0.50	0.270
DOUGLAS FIR - Lincoln, Sante Fe & Gila			
8" - 16" 3 yr. seedling	0.46	0.42	0.230
10" - 18" 3 yr. seedling	0.47	0.43	0.235
6" - 12" 2-1 transplant	0.65	0.61	0.430
6" - 14" 2-2 transplant	0.85	0.75	0.550
CONCOLOR FIR			
5" - 9" 2 yr. seedling	0.39	0.35	0.195
6" - 12" 3 yr. seedling	0.49	0.45	0.245
FRASER FIR - SPRING ONLY			
5" - 10" 3 yr. seedling	0.55	0.51	0.275
CANADIAN HEMLOCK - SPRING ONLY*			
6" - 12" 3 yr. seedling	0.50	0.46	0.250
6" - 12" 2-2 transplant	0.85		

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	Per 100	Per 1000
ABIES balsamea (Balsam Fir)		
5-8" S	50	250
8-12" S	90	450
ABIES concolor (White Fir)		
8-12" S	80	
18-20" S (Heavy)	100	
ABIES fraseri (Fraser Fir)		
5-8" S	60	
PICEA abies (Norway Spruce)		
5-8" S	28	140
8-12" S	40	200
* 12-18" S (Heavy)	56	280
18-24" S (Heavy)	70	350
PICEA glauca (White Spruce)		
5-8" S	32	160
8-12" S	48	240
12-18" S	60	300
PICEA glauca densata (Black Hills White Spruce)		
3-5" S	60	
5-8" S	88	
PICEA omorika (Serbian Spruce)		
5-8" S	38	190
8-12" S	50	250
12-18" S	80	400
PICEA pungens glauca, Kiabab N.F. (Blue Spruce)		
5-8" S	38	190
8-12" S	58	290
PINUS flexilis reflexa (Mexican White Pine)		
5-8" S	40	
8-12" S (Heavy)	88	
12-18" S (Heavy)	90	
PINUS muge pumilio (Dwarf Muge Pine)		
* 3-5" S	44	220
* 5-8" S	56	280

	Per 100	Per 1000
PINUS muge rostrata (Dwarf Swiss Muge Pine)		
5-8" S	44	220
8-12" S	60	300
PINUS nigra (Austrian Pine)		
* 3-5" S	30	150
* 12-18" S (Heavy)	50	250
PINUS resinosa (Red or Norway Pine)		
12-18" S	58	
PINUS strobus (Eastern White Pine)		
5-8" S	36	180
* 8-12" S	50	250
* 18-24" S (Heavy)	90	450
18-24" T (2 2) (Heavy)	180	
PINUS sylvestris, d'Auvergne (French Scotch Pine) (Fast Growing Christmas Tree)		
* 5-8" S	32	160
8-12" S	65	325
12-18" S (Heavy)	75	375
18-24" S (Heavy)	85	425
PINUS sylvestris Gusdarrama (Spanish Scotch Pine) (Fast Growing Christmas Tree)		
* 5-8" S	32	160
* 8-12" S	65	325
* 12-18" S (Heavy)	75	375
18-24" S (Heavy)	85	425
PINUS thunbergi (Japanese Black Pine) (Fast growing, exotic form)		
8-12" S	52	260
* 18-24" S (Heavy)	74	370
30-48" S (Heavy)	100	500
PSEUDOTSUGA taxifolia glauca, Lincoln NF (Blue Douglas Fir)		
5-8" S	38	190
* 8-12" S	48	240
* 12-18" S (Heavy)	60	300
THUJA occidentalis (Eastern Arborvitae)		
4-8" S	55	
8-12" S	80	

	Per 100	Per 1000
THUJA orientalis aurea (Gold Oriental Arborvitae)		
5-8" S	50	
8-12" S (Heavy)	90	
THUJA orientalis compacta (Compact Oriental Arborvitae)		
8-12" S (Heavy)	90	450
THUJA orientalis pyramidalis (Pyramidal Oriental Arborvitae)		
5-8" S	50	250
8-12" S (Heavy)	80	400
15-28" S (Heavy)	120	600
LARIX leptolepis (Japanese Larch)		
8-12" S	45	225
12-18" S	65	325
24-36" S (Heavy)	95	475
40-60" S (Heavy)	140	700
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PICEA abies (Norway Spruce)		
5-6'	40	
6-7'	48	
7-8'	56	
PICEA glauca (White Spruce)		
4-5'	30	
5-6'	40	
6-7'	48	
PINUS strobus (Eastern White Pine)		
5-6	40	
6-7'	48	
7-8'	56	
PSEUDOTSUGA taxifolia (Douglas Fir)		
5-6'	40	
6-7'	48	
7-8'	56	

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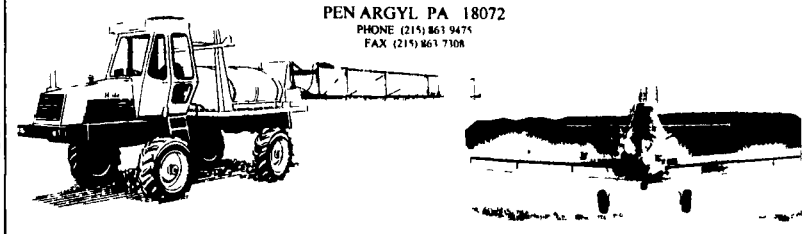

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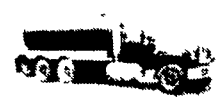

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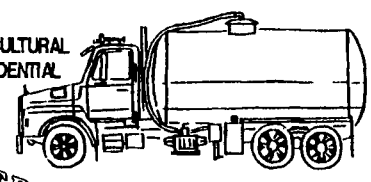

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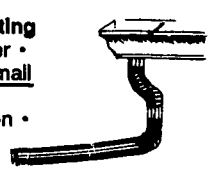

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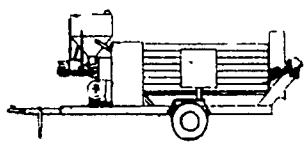

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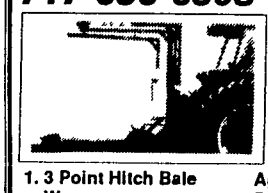

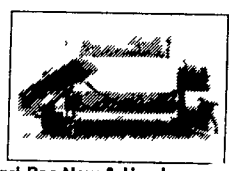

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Working supervisor needed for landscaping business in Lancaster County. CDL license, experience w/ operation and maintenance of equipment, and a strong ability to motivate and relate well to people a must. Year round work, top pay and benefits. Smokers need not apply. Call for application.
Warihay Landscaping
717/872-0755

24 SITUATIONS WANTED

RELIABLE HERDSMAN seeks position. Dairy Science degree, AI experience. Prefer freestall parlor, no field work. Lycoming Co., PA or surrounding counties. 717/673-8233.

WANTED: Dairy set up for 40 to 60 cows. Energetic couple w/herd. Will buy your feed or consider renting whole farm. Must move due to current landlord selling. (215)593-7432.

Young Man Seeks FT Job farm related, equipment installation, farm store or field work Lancaster or Lebanon 717/664-4362.

FARM HOUSE RENTER WANTED
Prefer farm couple currently employed in area w/ rural or farm background. Farm would work well as a part time truck farm, limited livestock production, landscape operation, tree farm lot, etc. Renter should have building maintenance background.
Rent/Work Exchange Possible
Downingtown/West Chester PA Area
717-739-2373 After 7 PM

24 SITUATIONS WANTED

Looking to rent or lease 1500-2000 acres of pasture, fenced and with plenty of water. In the state of NY or the surrounding areas for a cow/calf operation Please call Larry at 718/851-0288.

Non-Smoker/drinker, Christian farmhand in exchange for room/board. 914-343-2920

25 BUSINESS OPPORTUNITIES

OPERATE YOUR OWN BUSINESS
Portable and Stationary Textureator Feed Processing Business
Available in New Areas
For Information Call
Feedmobile, Inc.
717-626-2680

26 HOUSEHOLD

30" electric range, very good condition. 717-665-4743.

Make delicious, nutritious bread! Breadmaker mixers, wheat mills; wheat, various grains; freshly ground flours. 717/355-0483.

Maytag wringer washing machines. All types Round, square, electric, air, gas. Ready to go! LEACOCK SHOE STORE 717-768-7440.

Nice coal/wood burning cook stove, warming oven, side water tank, excellent condition, $1000. 717-259-9165 After 5PM; 717-259-7659 After 5PM.

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

27 PETS

3 year old Jack Russell female, brown/white, excellent hunter, $250. 215-754-6298.

AKC Bloodhound pups, m, 6 months, black/tan. Beauties, some training $250/ea; Female 5 year sprayed $150 to good home. 717-442-4259.

AKC Collie, male, 2 years old, proven stud, very active. 717/284-5146.

AKC Golden Retriever, m, 5 years $150; Cocker Spaniel, m, 2 years, blk/white parti color $100; Min. Poddle, m, 1 year, lite Apricot, $150. All friendly and proven breeders. Also, Springer Spaniel, m, 6 months, liver/white, $100. 717-442-4259.

AKC Keeshond pups, shots, wormed, cute, loveable, $150. Ready 2/19. 717-367-3855.

AKC Norwegian Elkhound Pups for sale. Shots. Females $150, males $125. Call 215/445-6066.

AKC Norwegian Elkhound Pups, M$150, F$200; also 3year old female. 215/273-2294 leave message.

ANTIQUES! Buy or sell them at RED ROSE ANTIQUES. Along RT 272 Denver. "Antique Row" We sell on consignment too. 717-738-4248.

Creative curb extrusion machine, forms, mixer, trailer, extras- best reasonable offer. (717)366-3343.

DEALERS WANTED! Start your own business, sell famous Watkins flavorings spices, home remedies, quality since 1868! Great Opportunity, FREE Information Call THE HERB MERCHANT, 70 West Pomfret St., Carlisle, PA 17013 717-249-0970

Fawn Motel property near Watkins Glen,NY., race track, 27-rooms. Best offer over $98,000. 717-532-4882.

AKC Sheltie Breeders, 5F, 2M, ages 6mo-5yr Min. Eskimos, 1M, 3F, some bred, nice healthy dogs. John L Stoltzfus, Box14, Broad St, Honeybrook 215/273-2294 lv.msg.

Australian cattle dogs NSDR Registered. From working parents. Excellent temperment, $75. 841 Kirkwood PK, Quarryville, PA 17566.

Australian Shepherd puppies, 4 males, 5 weeks old, not registered 717-367-3841 after 5PM.

POT BELLIED PIGS FOR SALE
$75 each
Black or White
Male or Female
Buy 10 or More
$50 Each
ELITE GENETICS INC.
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WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds.
Transportation provided.
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
717-442-4259

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- Galvanized Tubing
- Galvanized Wire
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New Holland, PA

AKC PUPPIES WANTED
All Breeds - Part and Whole Litters
Resold As Pets - We Pick Up
DON'T SELL TILL YOU CALL US
"CALL NOW" 717/822-2033

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CASH FOR PUPPIES
IN LITTER LOTS
For Resale As Pets
Call Charlie Hackett
For Prompt Pickup
Call Early Monday Mornings
215-681-5236

$ $ $ $ $ $ $ $ $ $ $ $ $ $

27 PETS

AKC Registered Sheltie, female, 2 years old. 215/932-8999.

Australian Shep. Pups Born 12-14-92. Registered, Shots, Flashy and Good Disposition $275. Call Mary (215) 584-9445.

Bunnies Wanted: Dwarf, Mini, Lop, and regular bunnies for resale as pets. (717)822-2033.

Elkhound AKC puppies, shots and wormed, parents on premises, females $175, males $150. (717)354-9196.

FOR SALE: 93 Emu chicks, $2500/ea. Non-related pairs, $5000. 215-754-6298.

FOR SALE: Registered English Shephard Pups. 814/796-4070.

FRESH FROZEN MEAT FOR DOGS & CATS 215/286-9400, 800/234-2697.

Irish Wolfhound Puppies, dam from Ireland, sire top U S. bloodlines, $850. Somerset Co. 814/443-3017.

Registered Australian Cattle dog pups, parents good working, excellent disposition. No Sunday sales. (301)842-2578.

WANTED: 1 or 2 pair of 2 year old Emu's non-related. Call Bill 215-754-6298.

WANTED TO BUY: Puppies and Kittens for resale in pet store. Fair price paid. Call Norman Wheeler 215-380-1445.

WANTED
PUPPIES
JACK'S DOG FARM
RT 611
PIPERSVILLE, PA 18947
215-766-8802

PUPS WANTED
Daily Pickups In Penna
I Need All Types, Pure and Cute Mixed Breeds and Barnyard Specials. All Pups Must Be Cleaned And Healthy And Free Of Bugs To 8 Weeks Only.
For Extra Prompt Reliable Pick-up Call Mon., Tues., or Wed.
1-800-392-4953 7-9 AM
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FOR SALE: LLAMAS
Weanling & Bred Females Stud Quality Male Make The
LIFESTYLE INVESTMENT!
Llamas are clean, calm, intelligent, gentle animals requiring minimum care in return for maximum pleasure. Well suited for the small homestead. To learn more about these fascinating creatures or schedule a farm visit
Call:
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Delivery Available

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CONFINEMENT SYSTEMS, INC.
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Lebanon PA 17042
Ph: 717-274-3488

WANTED TO BUY:
Ostriches, Emus and Rheas, All Ages
1-800-333-3548

30 COMPUTERS

IBM XT Copy, 40 meg. hard drive, 2 floppy drive, color monitor, many programs, $495 OBO. Berks Co. 215/856-7856.

31 NOTICE

Fellow farmers are you currently experiencing financial difficulties or have you had difficulties in the past? For helpful information phone 717-653-0214

DIVERSIFIED FARM TOUR

Explore non-traditional farming markets in NY's Mid-Hudson Valley for 4 fun-filled days in May. Horticultural and agricultural surprises abound, also special dining, scenic and historic places. Of special interest to Farm Families, and Ag Agents.

For Tour Information Contact
Col-Berk Rural Tours
RR 2, Box 2036, Chatham, NY
(518) 392-4663

INVITATION FOR BIDS

The Chester County Conservation District is requesting bids for the construction of two separate Agricultural Waste Storage Systems to be funded in part by the Chesapeake Bay Program These two projects are in no way connected. Bids must by kept separate for the two projects.

The first project is for the construction of a 122,000 cubic foot Agricultural Waste Storage System in West Fallowfield Township, Chester County, PA Construction is expected to begin in March, 1993 The site showing is scheduled for 10 00 AM February 25, 1993.

The second project is for the construction of a 21,000 cubic foot Agricultural Waste Storage System. Construction of this project is expected to begin during March, 1993. The site is located in Upper Oxford Township, Chester County, PA The site showing is scheduled for 1 30 PM February 25, 1993

Prospective contractors will receive a bid package consisting of instructions to bidders, a sample contract form, the plans and specifications for the project and a bid sheet Small and minority businesses and women's business enterprises are encouraged to respond to this invitation for bids

Sealed bids will be accepted until the public bid openings at 10.00 AM (for the West Fallowfield Project) and 10 30 AM (for the Upper Oxford Project) on March 10, 1993, in the Chester County Conservation District Office

To obtain a bid package or more information contact the Chester County Conservation District at

Chester County Conservation District
235 West Market Street
West Chester, PA 19382
(215) 696-5126
Contact: Jim Saltsman

INVITATION FOR BIDS

The Berks County Conservation District is requesting bids for the construction of Animal Waste Storage to be funded in part by the Chesapeake Bay Program. Construction of this project is expected to begin March 1, 1993. The site is in Bethel Township, Berks County.

Prospective contractors will receive a bid package, which contains Instructions to Bidders, a Sample Contract Form, The Plans and Specifications for the Project, and a Bid Sheet.

Small and minority businesses and women's business enterprises are encouraged to respond to this invitation for bids.

The site showing date is scheduled for February 17, 1993, at 10:30 AM, at the site.

Sealed bids will be accepted until the public bid opening at the Bethel Community Center, located in Bethel Township, Berks County, on February 24, 1993. 10:30 AM.

To obtain a bid package contact:

BERKS COUNTY CONSERVATION DISTRICT
PO Box 520
Leesport, PA 19533-0520
Telephone (215) 372-4657

31 NOTICE

Do you need extra income? Try growing peppers! See Section A for more information

REWARD

$10,000 for the recovery and information leading to the arrest and conviction of my 1992 Ford 350 hydra-sprayer truck w/50' booms that was stolen from our property around Jan. 1.. The name will be kept confidential!

(410) 692-2324

32 MISCELLANEOUS

10' diameter culvert for waterway or bridge 717-354-3105.

Aqua Star tankless water heater, heats water on demand, good condition. 717-442-9361.

FOR SALE Used golf carts, gas and electric, 3-wheel and 4-wheel Prices as low as $700 Also, used 36V electric motors Ideal for fishing boats, $175 Call 717-624-2900.

Hot water pressure washer and steam cleaner, Jenny 200-C combination, like new, $750 Evenings, (609)567-0470

MEAT CUTTING BAND-SAW, $323 Call 800-445-4669

Meat grinders, band saws, slicers and tenderizers. Hamburg patty machines and walk-in coolers. New splitting saws, only $269 GERRY GRUNDY, Doylesburg, PA, on RT 75 at RT 274. Open Saturday and Sundays, 10AM-4PM. 717-349-7654 or Evenings 215-549-7584

SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock 30 Day Free Trial! 1 Year Warranty Call For Low Prices 1-800 445-4669 Terre Hill, Pa

Small 2BR older mobile home in Penn Valley Village, $5,000 OBO References needed (717)392-4829

Snow Chief snow blower, 5hp, 23", electric start, chains, all new, never used, paid $950 Will sacrifice for $700 OBO (717)243-7264

WANTED Good used bologna slicer Write to Stephen B Stoltzfoos, RD1, Box 158-B, Delta, PA 17314

WANTED Used tools and machinery Buy, Sell, Trade, Consign or Finder B J TOOL & SUPPLY, RT 422W, Myerstown, PA 1-800-772-9845

1991 Fuel Harvesters PT-10 Tub Grinder
600 running hours, extra belt, magnetic metal extractor, maintenance records, hammers and rods approx 30 hours
PRICE $83,000 FIRM!!
Call
717-738-3003 or 717-733-7754 Eves.
Will Deliver

Bed & Breakfast Get-A-Way in the Dutch Country Quiet on the Farm, See Cows and Horses in Barn Close to Strasburg Railroad 717-687-7001. Lloyd & Ruth Kreider

Boat -Seeking restorable 16' to 24' old/ lost, inboard power boat stored in barns, garages Call after 5PM 717-285-5920

Dewalt 10" radial arm saw Excellent condition Three carbide tipped combination blades included (717)733-7534

Drill Press, $550, Wood lathe $85, Wood tracer carving machine $175, Shoe sole sticher $175, Rolling Mill $125, Wood crates w/lids, 34x34 $8 717-866-7214

Farmall H, 100 hours on rebuild w/7' Myers plow, $1100, 250/gallon oil tank, $35, gas refrigerator, $50 717/244-1270

Farm Toys-Collector Series, Show Tractors, Pedal Tractors, Trucks-for sale at all times Visit our large display during business hours Wengers Farm Machinery, Inc, 251 S Race St, Myerstown, PA 717/866-2130

Mehrings Foot Powered Milking Machine, Water Ram, Adv Signs &Boxes, Two Harness Makers Benches, Harness Rack Swag Block Large, Some Tools, Old Radio and Much More To Be Sold at Beilers Sale, Feb 26.

MONTANA- Hunting Consultant, All Montana Game. Different Locations, Drop Camps, $700. Guided, $1800 7-Full Days Lion $2000 Serious Inquires. (215) 921-3810

Old cook stoves Heatrola, Grecian, Apollo, Black, Rough. Real Apollo w/ warming oven, dark brown, Sylvan, gray w/domestic water heater, Sylvan, blue w/domestic water heater and water storage, Heatrola, dark brown All for $1000 Columbia Co 717-683-6191

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Poxy Coat Clear Guaranteed for 10 years! Great for interior, exterior furniture, floors, decks, patios, and much more! For brochure, send SASE to: FISHER IRON WORKS, 74 S Ronks RD, Ronks, PA 17572 717-687-7595

LIVE GAME FISH Fingerlings and Adults, Large and Small Mouth Bass, Spotted and Rock Bass, Bream Crappies, Trout, Channel Cats, Bullheads, Walleyes, Perch, Minnows, Northerns, Pickerel, Muskies, Red Gills, Mullets, Carp, Eels, Turtles, Frogs, Israeli Carp Also Aquatic Plants and Water Lilies COLORFUL CATALOG $2.00
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DRIFTING, PENNA. 16834
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Old Loghouses, Summer Kitchens, Early Timber Frame Houses For Removal. Old House Interior Salvage, Old Wide Attic Flooring, Old Wide Roof Boards, Chestnut Logs, Grainery Boards (No Whole Barns) I Travel The Farthest, Pay The Most, And Buy On The Spot!
215/857-5504 or 1002 Anytime!

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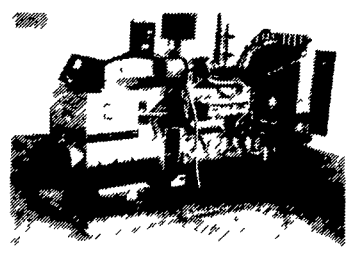
Guaranteed To -20° Below

Great for: Farmers, Hunters, Snowmobile, Ice Fishing, Construction, Sleigh Riding

$39.00/PR While They Last
UPS - C.O.D. Shipping
The Original Cold Weather Boot

C.S. COLEMAN
717-692-4444 - 692-4910
RD #1 Box 371 Millersburg, PA 17061

POWER SYSTEMS ELECTRIC, INC.



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220 KW Cummins Diesel, Used
100 KW A-C Diesel, Low Hrs.
80 KW PSE LPG
85 KW Kohler LPG Low Hrs.
65 KW PSE Diesel, Weather Housing
25 KW Onan PTO
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PAINTED STEEL ROOFING & SIDING
- Galvanized/Galvalume
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AS LOW AS $32.00 per/sq.
Conestoga Building Supply
New Holland, PA 17557
717-354-2613 or 1-800-544-9464

33 RECREATIONAL VEHICLES

1980 Artic Cat 4000, excellent condition, $700. (717)569-4008

'72 Smokey Camper, sleeps 4, gas stove & heat, $800 215/869-4722.

Snow Mobile 1990 Ski-doo Mach I, 1500 original miles, very good condition Top of line model, 583 cc plus extras Evenings (609)567-0470

34 AUTOS

1947 Chrysler, 1963 Valiant, 1953 Dodge, 4-doors, 1966 VW bus. Complete restorable. Best reasonable offer (717)469-2413.

1986 Dodge 150 passenger van, 6 cylinder auto, blue, dependable, $2,200 (717)532-8856

4 s/sCragars 14 inch 3,000 miles on tires $500. (717)367-0895 Lancaster County.

'77½ Porsche 924, sunroof, AM/FM cassette, new brakes, struts, inspection, runs great, $3000. 215-869-4722

FOR SALE: 1980 Ford Fiesta, 1 6 ltr engine, new clutch, nice, $1200. 717/362-4462 or 717/362-8580.

FOR SALE: 1967 AMC Marlin, $2300. 717/362-4462 or 717/362-8580.

FREE: We will tow away your unwanted cars, trucks and farm machinery Berks, Lancaster and Lebanon Counties. 717/933-8405

Lincoln Contential Mark V, 1978, low mileage on motor, 2 tone brown, vinyl top, excellent condition 215-588-5989

90 Olds Calais 4 Dr, Blue, Quad 4 Aluminum Wheels Loaded, 10,000 Miles
$8,200

90 Buick Skylark, Blue, SOLD Miles, 4 Dr.
$6,100

90 Plymouth Horizon 4 Door, 13,000 Miles, Stick
$4,400

87 Plymouth Caravelle SE, 41,000 Miles, SOLD
$3,600

87 Honda Civic DX, 3 Door, Automatic, A/C, 86,000 Miles
$3,400

91 Honda Civic DX, 4 Door, Automatic, A/C, 28,000 Miles
$8,850

Burkholders Auto
Danville, PA
717-437-3848

35 TRUCKS & TRAILERS

'79 Ford LN7000 3208 Cat, long wheel base, excellent shape, good rubber, 5 speed. After 6pm, (717)363-2133.

35 TRUCKS & TRAILERS

1975 Mack U Model tandem axle trailer, 237 engine, 5 speed Mack trans, connected to 1971 Trailmobile trailer, 40' tandem axle w/ center mounted H model Prentice loader, pulp wood grapple and pony motor, fair condition, tractor & trailer together $6500 OBO 215/626-2555

1976 Loboy ramp trailer, 48' new winch $4000; 1977 International Transtar tractor, 290 Cummins, S/A, PS, AC, AR, not running, needs new cam shaft, make offer. 717-837-1663 ask for Fred.

1977 Int. 1850 dumptruck, 35000-GVW, 3208 CAT diesel, 5+2, 1100-20 tires, $4500 717-799-5594.

1978 Ford F800, 5+2, 16 ton flatbed dump 1983 F350 12' stake body, good condition 1953 Int R180 flatbed, 10-wheeler (301)249-6475

1979 Ford 7000 truck, 23,000 GVW, hydraulic brakes, 3208 CAT engine, good condition, $3800 717-776-7725

1979 International, 466DT motor w/21' Eby aluminum body 201/694-3156.

1979 International 1710B cab/over, MV404 gas, 5+2, 25,000 GVWR, box 24'L by 9'1"H inside, 2,500 lb liftgate, new parts all over, $6400 OBO Yale 4000 lb electric pallet truct, $950 OBO. 410-893-1138.

1980 Ford F-7000 Cat engine, w/23' van, liftgate, 25,999 GVW, H&D Vacuum boost brakes, 5 speed. Asking $6,500 (814)367-5537

1981 Ford 800, 429 gas, 32,000 GVW, 5+2, air brakes, PS; 1979 Ford 800, 429 gas, 32,000 GVW, 5+2, PS, air brakes. 301-877-9889.

1981 Mack MS200, 28,000 GVW with 26' Jerdan rollback bed, 67K miles, like new. Call 717/524-2473 for information.

1983 GMC 26,000 GVW, low miles w/2 year old 16' Knapheide dump body, $10,500. 215/756-3516.

1984 Ford F-350 12' Stakebody Truck $3500 OBO. 1-800-377-3029

1985 Chevy S10, 4 cyl. automatic, long bed, low miles, excellent condition, $3000 717-438-3205

1992 Hillsboro (NEW) 8x24 flatbed gooseneck trailer, HD neck, 2 drop leg jacks w/2 speed gear box, $4600. 410-775-7657

1992 M6S commercial duty galvanized 100" trailer with sides, $850 OBO 717/569-3359

4300 Int Transtar 350 Cummins, 13Sp, Twin-Screw 20"Daytons, Working 717-867-2995

'67 Ford F950, 15 speed, gas, 22' steel dump, $5,000 (301)694-8624

'69 Diamond Rio tractor w/22' aluminum dump trailer, very good condition, $8,000 (215)791-0248

'69 Int 1700, 5+2, 18' dump, good condition, $4,500 (301)694-8624.

79 Chevy 1 ton, new engine, 454, 4 speed, W/12' Hostetter cattle body, $1,500. (301)898-7426.

'87 Chevy crew cab, dually, 65,000 miles, excellent condition, MD inspected (410)634-2821

'87 Ford F250, extended cab, 6 9 diesel, 4 speed, needs some work, body excellent condition, $6000 717-539-2614.

'89 6x12 gooseneck stock trailer, good condition, $2250 OBO. Mifflin Co. 717-899-6481

'89 Ford F250, 7 3 diesel, 5 speed, newly rebuilt, body excellent condition, $7500. 717-539-2614.

'86 Chevy Scottsdale 20 Series Suburban, 5 passenger, 350 auto, PB, PS, air, AM-FM, 55,000 miles, brown & tan, 1 owner, excellent condition, $8,600. 717-733-2873

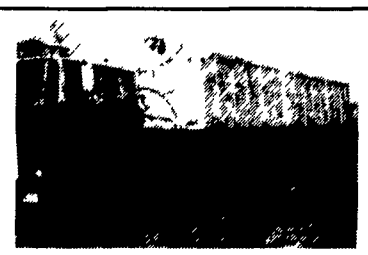
86 Ford Red LTL9000 400 Cat, 370 rears, new overhaul w/papers, 13-speed, 42" bunk, $21,000. 215/598-7773

'87 Chevy C10 4x4, 305 FI, auto, PS, PB, AM-FM cassette, Rally whls, 49,000 miles, 1 owner, red, $8,600 717-733-2873

'79 GMC 4WD Pick-Up, 400 Automatic, Tilt Wheel, Cruise, 4" Lift 215-536-8674 After 6PM

'79 International S-1854, DT-466, 5+2, hyd brakes, 1R-20 radial tires; 16' Hewey aluminum dump w/ bulk feed blower (body new in 1987). (301)662-7703

'85 Chevy Sport Van, 12 passenger, 350 auto, PB, PS, AM-FM cassette, mechanically good, needs paint, $2,900 717-733-2873

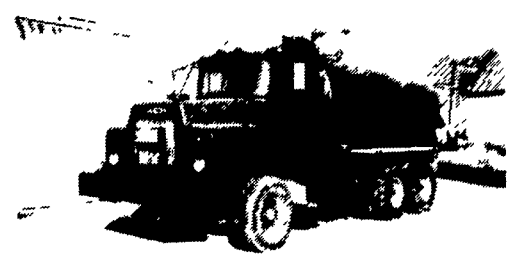


Wilson Grain/Feed Trailer
Self-unloading, hyd. auger setup, all factory, w/Brockway tractor w/Wetline
$2,800 For Both/Make Offer
Call (304) 876-6653
After 7:00 P.M.

Liquid Delivery Truck
Truck: 534-4 bbl. 10 Spd., Roadranger, Power Steering, Air Brakes. Body: Dual 800 Gal. Poly Tanks, 3" Scot Pump, Unit In Good Condition, Used Daily.
(717) 354-4996

FOR SALE
1980 GMC Dump Truck
6500 Series, 18,000 Miles, 366 V8, Automatic Transmission
$6,000
Phone 814-237-0451
State College, Pa.
Best Time Is Evenings

1984 FORD 9000
290 Cummins 15-speed Hend. ex-leaf suspension 11:22 rubber on truck & trailer, 26' Trailco with 66" sides.
717-866-2738



1980 Mack
4300 Gallon Tank, Pump & Tank 1 Year Old, 6 or 8" Load Hookup, Hoses Included, 8" Loading Boom w/Controls In Cab, Ready To Go
717/838-5064

35 TRUCKS & TRAILERS

18' Aluminum Cattle-Grain Dump Body $4500; 40' Ravens Alum. Flat Bed Air Ride Spread $3000; Mack Rear Bogies Rayco Rear Cutoff. 717-272-9595

1963 Ford truck, 16' flat dump grain body, cab fair, body good. 1957 Ford 14' grain body flat dump. (215)794-7259.

1966 Ford 800 16' dump, 5+2 speed rear, $4250. 215-868-5781.

1966 Ford Flatbed 360 4-speed, 12' long, $1400. 717/949-3513 or 717/933-8405

1966 International 1800 with grain bin with conveyor belt, used on one farm since new. Has Vaulk snow plow, good tires, good condition, 345 V-8 w/2-speed rear, $1500. 717/949-2332.

1967 Int. truck/tractor and 28' dump trailer. (717)275-3088.

1970 C-60 Chevy truck w/427 gas engine, twin screw drive, 48,000 GVW, $3000 OBO 717-273-2910.

1972 MACK R685, 237 engine, 10 speed & SMITH CO, 35 ton detachable gooseneck, B&S engine, 8x28, new deck Inspected & in use $10,000 (Will separate). (717)382-4878.

1973 F350 truck mounted sewer rod machine, $2,500. Trailer mounted sewer rod machine, needs engine, $1,000. 1970 C800, tandem axle, 5 speed, 390 gas, 12,000 miles on chasis, $3,500. 1970 F700 Ford dump, 5 yd body, 330 gas, needs a little work, $2,500. (609)894-2849.

1973 GMC Flatbed Dump, 427, 33,000, Runs Good, Some Rust. $2200 OBO. Nights 717-758-9253.

1973 White tri-axle dump trialer, 34' steel frame; 30' aluminum box w/SS floor liner, 24 5 spoke wheels. 717-529-2196

1974 DM Mack 10 Wheel Liquid Manure Truck $7900. 717-272-9595.

1975 Dodge D600 truck, V8, MT, PS, 17' aluminum box, 84,000 miles, hi-lo range, good tires Make offer 814-234-1851

Hay Trailers for Sale. (1) 43' Flatbed 5' Bulkhead, Slider Good Condition PA Insp $2500, Also (1) 42' Flatbed 4' Bulkhead Good Condition PA Insp. Slider $2500 Or Both Trailers for $4500 Call 717-739-1179 After 6PM.

New International equipment trailer, 12,000 GVW, 8'x18' bed, 2-5/16 ball hitch, $2,600. (215)869-2001.

Storage trailers for sale. (717)397-7695.

V653 Detroit, $2500 717-862-3433.

'90 Dodge B350 12 passenger van, 318 EFI, auto, PB, PS, dual air & heat, charcoal, 28,000 miles, excellent condition, $10,500. 717-733-2873

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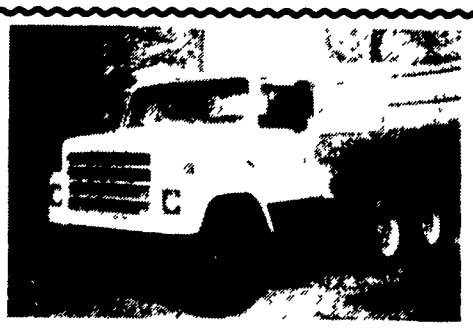

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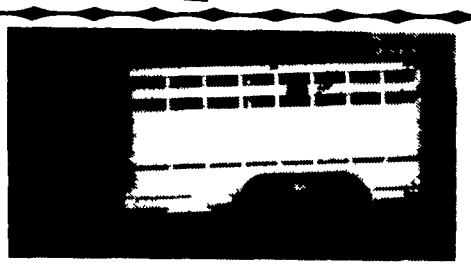

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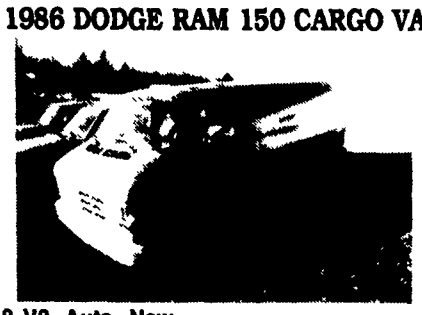

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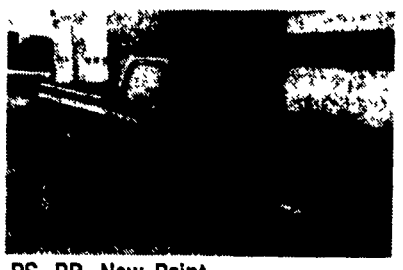

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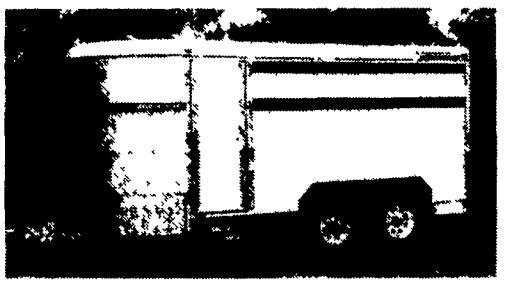

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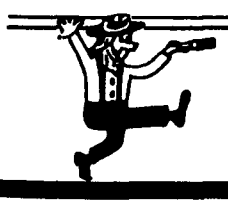

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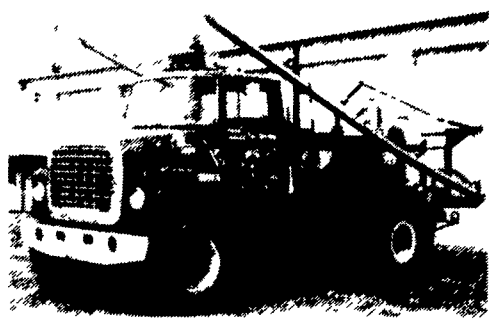

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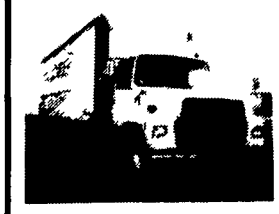

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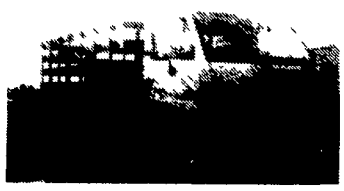
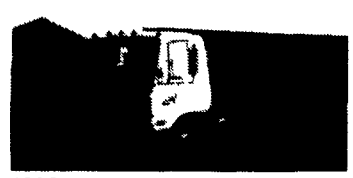


1989 Chev W4 14' Stake Body (Same As Isuzu NPR) 4 Cyl. Turbo Dsl, 5 Spd., 13,250 GVW, 27,000 Mi PS, PB, Stk #1546.



1990 Nissan UD 2300 Cab & Chassis, 6.9 Turbo Dsl., 6 Spd., 23,000 GVW, PS, Will Take 18' Body, Stk. #1503

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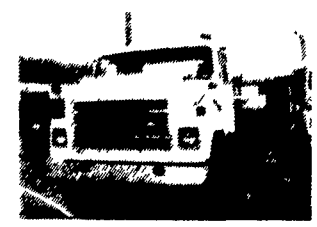

1981 IHC F2275, NTC 300, 10 Spd, 12,000 Front, 38,000 Rear, Hend. Walking Beam Susp., Exc Cond, Fresh Paint

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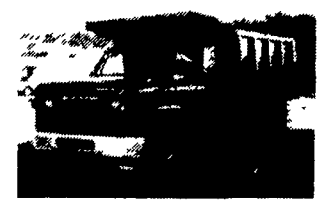
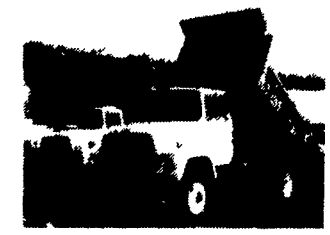


1984 GMC 6000 Series Dump 366, V8, Gas, 5 Spd, PS, 19,200 GVW, 12 Ft Gallon Dump Body, 51,000 Mi, Fresh Paint



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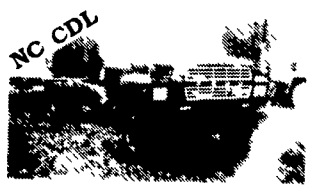
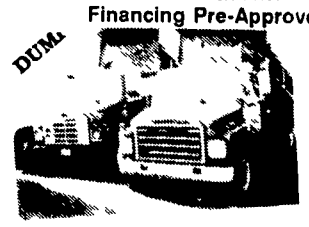
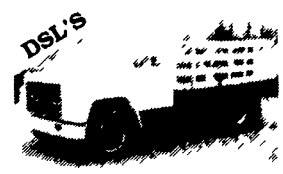


1980 Ford F700 Cab & Chassis, 370 V8, 5 Spd 2 Spd, 156' CA, 24,500 GVW

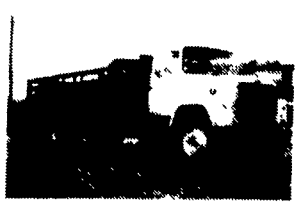


84 Int. Dump Truck, S-1724, 345 V8, 5/2 Spd, Air Brakes, 46 000 Original Miles, 12' Body Other Dumps Available, Call For Details

1985 Ford F700 14 Stake Dump, 370, 5 Spd, 2 Spd, PS, PB, 38,000 Orig Miles, In Like New Condition



1986 IHC S1600, 12' Stake Body, 6 9 Dsl, 4 Spd, PS, PB, 17,400 GVW, 46,800 Orig Miles, US Govt Maintained



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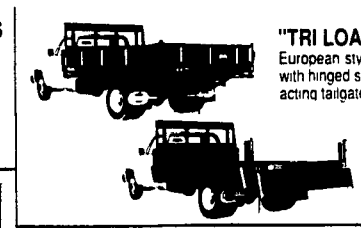

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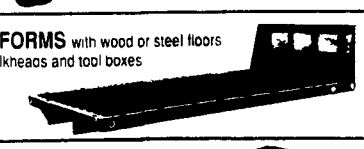

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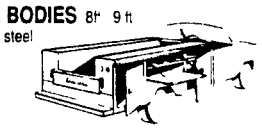

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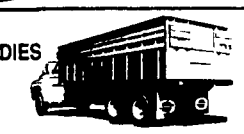

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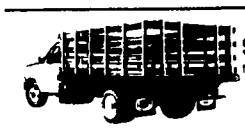

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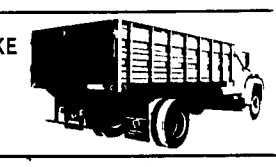

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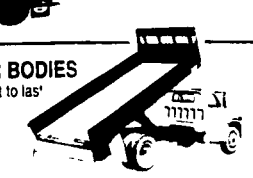

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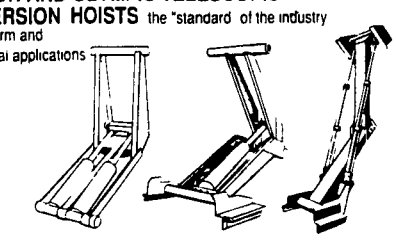

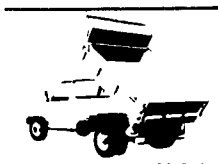

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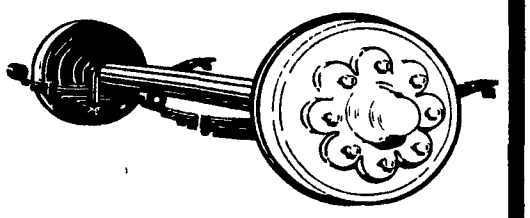

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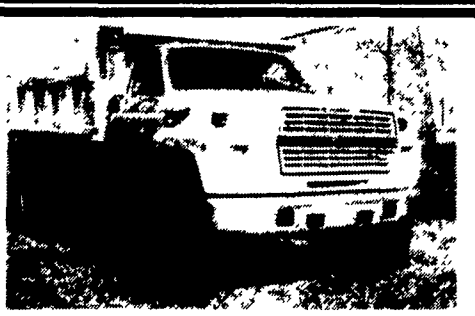

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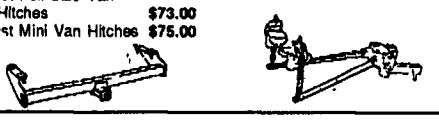

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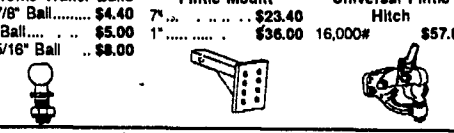
7".. $23.40
1".. $36.00

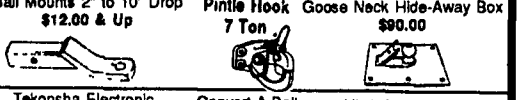
Universal Pintle Hitch
16,000# $57.00



Ball Mounts 2" to 10' Drop $12.00 & Up

Pintle Hook 7 Ton

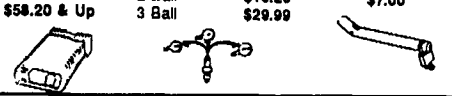
Goose Neck Hide-Away Box $90.00



Tekonsha Electronic Brake Control $58.20 & Up

Convert-A-Ball
2 Ball $19.20
3 Ball $29.99

Hitch Pin Lock & Key $7.00



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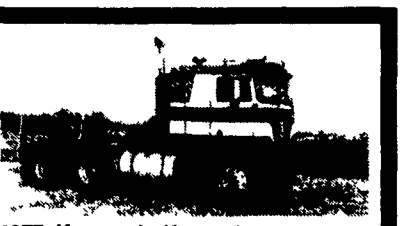
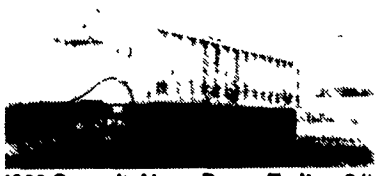
1974 Freightliner T8664T, Cummins 350 HP, 15 Speed, 4 Spring Susp, 11R22.5 Tires. 180" W.B. Unit #TC086243
$4,900



1977 Kenworth K100, Cummins 400, Jake Brake, 13 Speed, 4.33 Rears, 11R24 5 Tires, 4 Spring Susp, 166" WB, Wet Line, Unit #TC248935
$6,900

1985 IH 9370, Cat 350, 15 Speed, DS451 Rears, 3 70 Ratio, Hendrickson RTE 440 Susp , 11R 22.5 Tires, 170" WB, Double Framed, 2 Available Units #PCA15896 & PCA16054 **$18,900**

1988 Mack R688ST, 350 Mack Dynatard, T2090 Trans , Mack Rears 4 64 Ratio, Camelback Susp , 11R24 5 Tires, 210" W.B Unit #TC021921
$28,900



1986 Summit Alum. Dump Trailer, 34' Frame, 32' Body, 24.5 Tires, Single Acting Tailgate Hinged To Roadside Unit #UC006157 **$10,500**

1986 Freightliner FLT8664T, 350 Cat, 9 Speed, Reyco Suspension, PS, AC, Unit #TD267212
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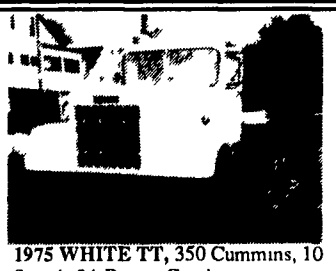

1975 WHITE TT, 350 Cummins, 10 Speed, 34 Rears, Good Runner **$3,250**

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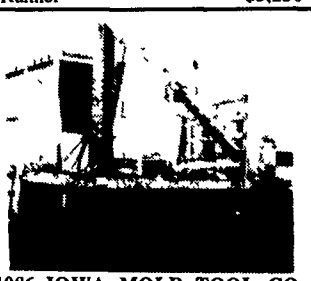
1985 FORD E350 351 V8, AT, Duals, PS, 14' Body, 9800 GVW **$2,900**

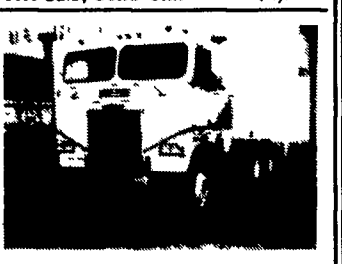


1986 IOWA MOLD TOOL CO. Hydraulic Swing Crane With Outriggers, 5000# Capacity **$2,500**

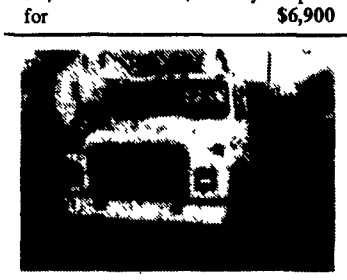
1984 GMC BRIGADIER TT, 6V92T Silver, RT11609, SQ100, PS, 11R 22.5, Solid Unit **$6,500**

(2) 1984 GMC BRIG, SA, TT, Your Choice of 300 Cummins or 6V-92T Silver Detroit, RT11609, R-170 Rear, PS, Good Runners, Take your pick for **$6,900**

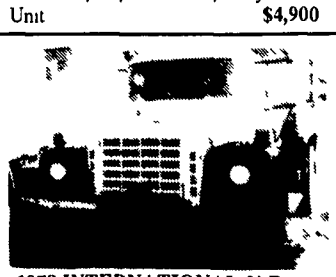
1978 CHEVROLET BRUIN C&C 6V53, 5, 2 Spd., New Radials, PS, 144" CA, 33,200 GVW, Very Good Unit **$4,900**



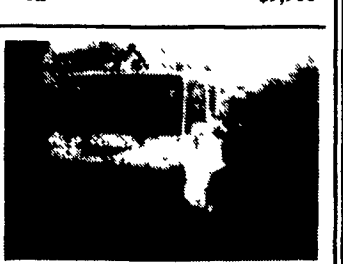
1985 FREIGHTLINER, TT, 300 Cummins, RT11609, DS381 Eaton in 3.70, PS, 22.5 Radials, Runs Well **$9,900**



1982 INTERNATIONAL 1754 Cab & Chassis, 9 Litre, 5 Speed, 2 Speed, 120" CA, PS, 28,000 GVW, Clean **$4,750**



1978 INTERNATIONAL 9' Dump, D170 Engine, 5 Speed, 2 Speed, Air Brakes, Power Steering, 27,500 GVW, Runs Great, Cab Rusty **$2,950**



1986 HINO Model FF, 6 Diesel, 5 Speed, 160" CA, 30,000 GVW, PS, Good Value **$7,250**

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1 - New 1993 Hillsboro 24' Flatbed G... Trailer w/Flip Up Beaver Tail & Loading Ra... Two 7000# Axles With Electric Brakes, 7.5... # GVW, Safety Brake Away Switch, Steel ... Wet Cell Battery, Pa. State Inspected & Comple... viced. (Trailer Painted Red).. **$4,595.00**

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1 - New 1993 Hillsboro 24' Flatbed Gooseneck Trailer w/Flip Up Beaver Tail & Loading Ramps. 12" Cross Member Spacing, 2-5/16" Ball Coupler, Two 7000# Axles With Electric Brakes, 7.50x16-10 Ply Tires, 14,250# GVW, Safety Brake Away Switch, Steel Battery Box, 12 Volt Wet Cell Battery, PA State Inspected & Completely Serviced. (Trailer Painted Black) **$4,795.00**

1 - New 1993 Hillsboro 28' Flatbed Heavy Duty Gooseneck Trailer w/ Flip Up Beaver Tail & Loading Ramps, 2-5/16" Ball Coupler, Two 9000# Axles With Electric Brakes, 8.75x16.5-10 Ply Tires, 21,270# GVW, Safety Break Away Switch, Steel Battery Box, 12 Volt Wet Cell Battery, PA State Inspected & Completely Serviced. (Trailer Painted Black) **$7,395.00**

1 - New 1993 Hillsboro 28' Flatbed Heavy Duty Gooseneck Trailer w/ Flip Up Beaver Tail & Loading Ramps. 7½ 'x8' Deck Over Neck, 12" Cross Member Spacing, Two 8500# Two Speed Dropleg Jacks, 2-5/16" Ball Coupler, Two 9000# Axles With Electric Brakes, 8.75x16.5-10 Ply Tires, 21,270# GVW, Safety Break Away Switch, Steel Battery Box, 12 Volt Wet Cell Battery, PA State Inspected & Completely Serviced. (Trailer Painted Black) **$8,395.00**

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1990 Olds Cutlass Ciera S, V6, AT, AC, CR, Tilt, PDL, AM-FM Cass., Black, 61,800 Mi.....$6,600
1990 Olds Delta 88 Royale V6, AT, Loaded, Silver, 53,500 Mi.....$8,900
1989 Olds Cutlass Calais S 2 Dr., Quad 4, AT, Loaded, Black, 45,600 Mi.....$6,500
1989 Chevy 30 Panel Van 350 V8, AT, AC, AM-FM, White, 60,600 Mi.....$6,900
1988 Ford Escort LX 4 Dr., 4 Cyl., AT, AC, AM-FM, Gold, 59,000 Mi.....$3,900
1988 Buick Lesabre, V6, AT, Loaded, Black, 40,800 Mi.....$6,700
1988 Chevy Astro CS 8 Pass., V6, AT, AC, Tilt, AM-FM, White, 56,900 Mi.....$7,800
1987 Toyota Camry 4 Cyl., 5 Spd., AC, Tilt, AM-FM Cass, Silver, 46,200 Mi.....$6,900
1987 Ford Tempo GL, 4 Cyl., AT, AC, AM-FM Blue, 47,900 Mi.....$3,800
1986 Cadillac Eldorado V8, AT, Loaded, Green, 70,600 Mi. ...$6,900

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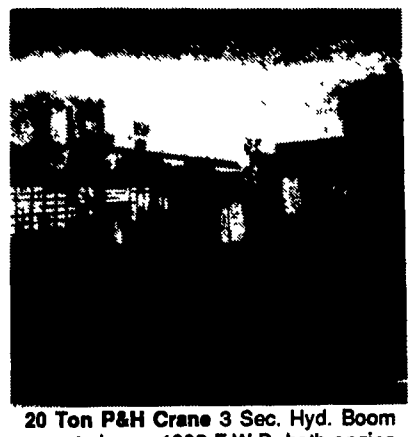
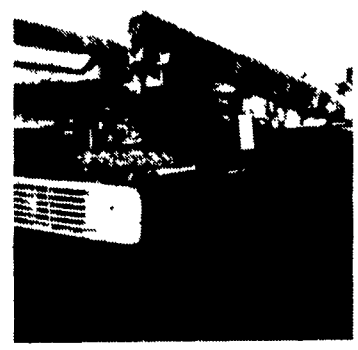
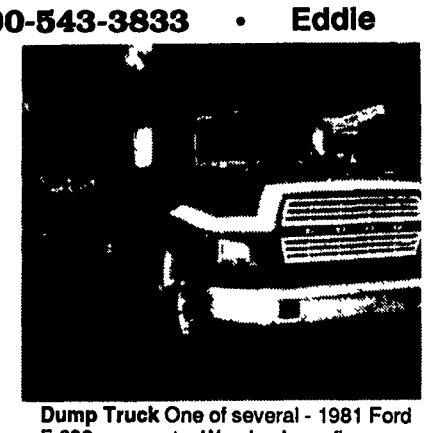


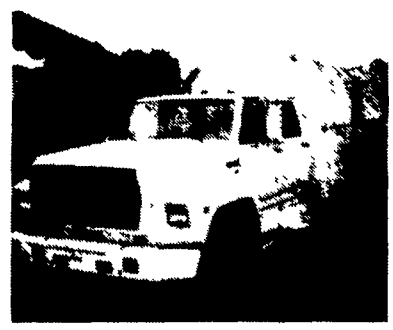
20 Ton P&H Crane 3 Sec. Hyd. Boom mounted on a 1968 F.W.D. both engine gas (new front 89), fleet maintenance.



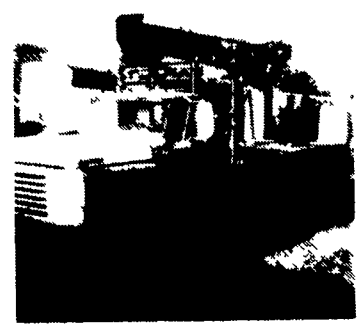
Ford Squirt Bucket 40' To Bottom Of Bucket, Others up to 65', Call For Details



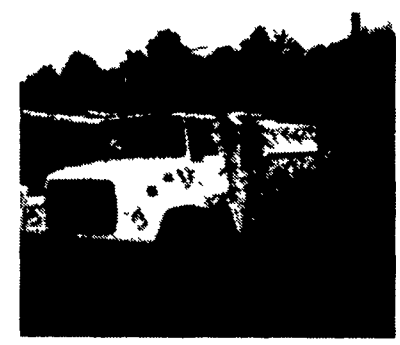
Dump Truck One of several - 1981 Ford F-600, gas, auto. We also have five man cabs with dumps and air compressors.



1985 F-600 8.2 Diesel, Auto, 5 Man Cab, Utility With Rollup Door On Rear. Clean, 20K Miles, Also 2-86 International 8.2 Diesel Auto 5 Man Utility. Low Mileage



Ford Flat Bed with Pitman Boom 11,000 lbs. Cap, Also Front Winch, One of Three.



1979 Ford V8 10-Speed, Air, 14,000 Lbs. Boom, 2 Speed Auger, Upper Controls, 4 Outrigger, Dig Holes-Lift-Put Man In Air. This Unit Does It All.

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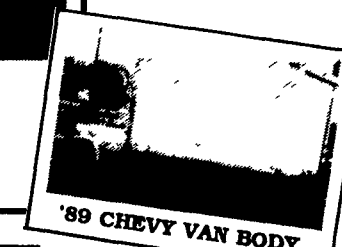
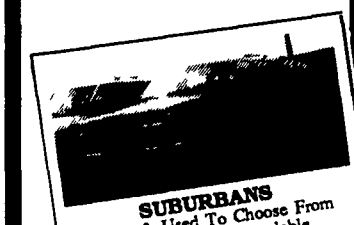


'89 CHEVY VAN BODY



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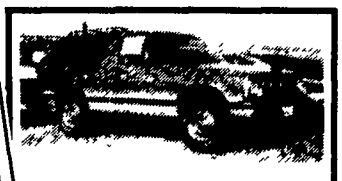

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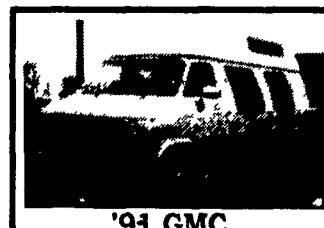

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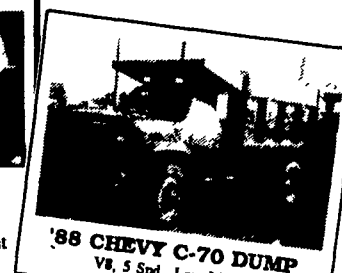

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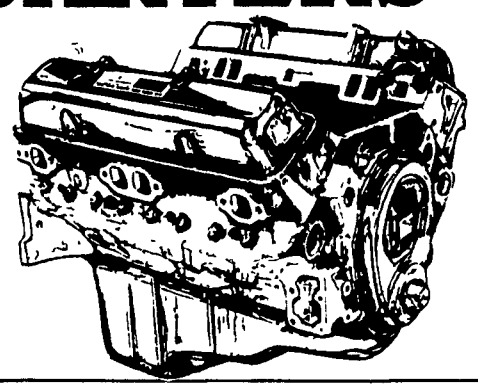

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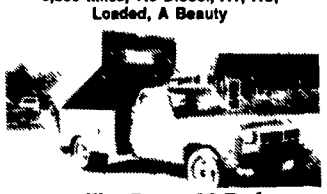
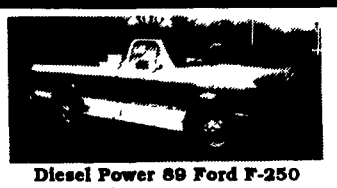
91 Ford F-250 XLT Lariat, Only 6,500 Miles, 7.3 Diesel, AT, AC, Loaded, A Beauty



Utility Dump 90 Dodge
D-350 Cummings Diesel, AT, 20,000 Miles Factory Warranty

F-350 4x4 92 Ford
7.3 Diesel, 5 Spd., OD, Only 16,000 Miles, Very Strong

Black 88 Ford F-250 4x4
351 f.i. auto, AC, 8600 GVW
56,000 Miles



Diesel Power 89 Ford F-250 XLT Lariat 32,000 Original Miles
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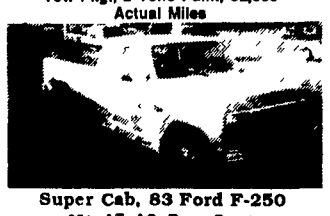
Diesel Chevy Van
Look At This One, 6.2 AT, Frt & Rear AC, 2 Tone Dark Blue & Charcoal, 60,000 Original Miles

Diesel Utility Dump
Turbo Cummings Diesel, Auto, Perfect, Only 20,000 Miles

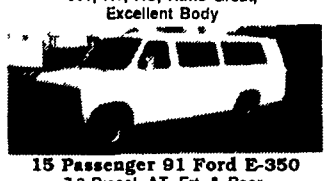
90 Ford F-250 4x4
Nice Driver, Only 34,000 Miles, 351 E.F.I., AT, AC, 8600 GVW, 2 Tone Black & Charcoal

88 Ford F-450 Super Duty
Only 27,000 Miles, 460 E.F.I., 5 Spd O/D, 161 W.B. 14,500 GVW

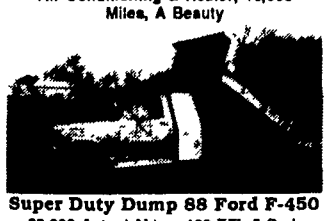
Big Dually 88 Chevy 3500
Silverado, 454 fi, AT, AC, Tow Pkg., 2 Tone Paint, 52,000 Actual Miles



Super Cab, 83 Ford F-250
351, AT, AC, Runs Great, Excellent Body



15 Passenger 91 Ford E-350
7.3 Diesel, AT, Frt. & Rear, Air Conditioning & Heater, 10,000 Miles, A Beauty

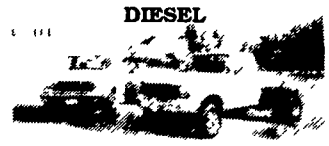


Super Duty Dump 88 Ford F-450
28,000 Actual Miles, 460 EFI, 5 Spd. OD, Air Conditioning, Utility Storage Boxes Behind Cab

Diesel Crew Cab Dually 89 Ford F-350 7.3 Diesel, AT, AC, Power Locks, Windows, Cruise, Tilt, Real Sharp, Only 33,800 Miles

Box Truck, Cummins Turbo Diesel 91 Dodge D-350 W O/D, Famous Cummings Diesel, AT, AC, 18,500 GVW, 12 Ft. Box

DIESEL

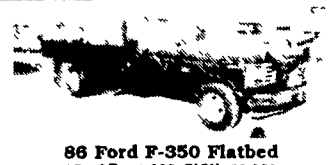


4x4 Chassis Cab 92 Ford F-350's
Only 100 Miles, Factory Warranty Long & Short Wheelbase

Chassis Cab 92 Ford F-350 XLT Only 100 Miles
7.3 Diesel, 5 Spd., A/C, 60" C/A, 11,000 GVW, Brand New 3/36,000 Mi. Warranty

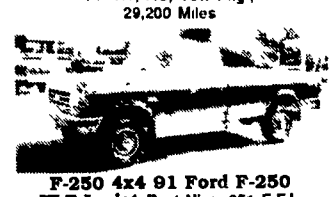
Crew Cab Dually 88 Ford F-350
Centurion Conversion 460 E.F.I., AT, Tow Pkg, Real Sharp

Cheap Dump Truck, 79 Ford
F-350 351 Heavy Duty, 4 Spd., 8 Ft. Dump Body, Works Real Nice



86 Ford F-350 Flatbed
351 AT, 11,000 GVW, 39,000 Actual Miles, 12 Ft. Bed, It's Perfect

460 4x4 91 Ford F-250
Super Cab XLT Lariat, 460 f.i. AT, AC, Tow Pkg., 29,200 Miles



F-250 4x4 91 Ford F-250 XLT Lariat Real Nice, 351 E.F.I., AT, AC, 2 Tone, Lock Out Hubs

Catch Me If You Can
Banks Turbo Charged 89 Ford F-250 Super Cab, 7.3 Diesel, AT, AC, Limited Slip Axle, Gear Vendors Overdrive

Super Duty Chassis Cab 90 Ford F-450
7.3 Diesel AT, OD, AC, 161 W.B. 84 CA

35 TRUCKS & TRAILERS

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1972 Autocar Tandem w/86-24' JerrDan Roll-Off..... **Make Offer**
Used 8½ ' Meyer Power Angle Plow Fits Up to 87 GMC..... **$875**
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Used One-Way Plow - Call For Info. ..... **$375-$1500**
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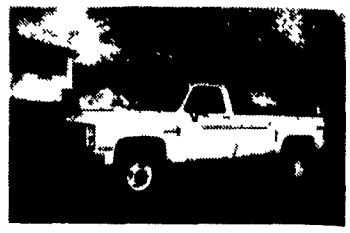
NTC 400 BCIII Cummins Engine (Rebuilt) (Exc.)	$7,500
NTC 400 BCIV Cummins Engine	$7,500
3406 B 350 HP, Caterpillar Engine (2)	$5,500 Ea.
3306 Ataac Caterpillar Engine	$5,000
ENDT676A 285 HP Mack Engine	$3,500
6-71 Detroit Engine	$1,800
TRDL1070 Mack 10 Speed Trans.	$1,500
HT 740D Allison Trans.	$2,000
SPECIAL	
SQHR 4.11 Rockwell Rear	$250

1989 GMC 3500 Dual Wheel, 9 Ft. Stahl Utility Body, 350 FI, 4 Speed, PS, PB, AM-FM, Dual Tanks, 10,000 GVW, 26,000 MI., Dark Blue
$12,500



88 Chevy K30 4x4 Dually, 350 FI, Auto, PS, PB, Air, AM-FM Lock-Out Hubs, 54,000 Miles, 1 Owner, White
$10,500

1987 GMC 2500 ¾ Ton 4x4, 350 FI, 4-Speed, PS, PB, AM-FM Cass., Lock Out Hubs, 6800 GVW, 42,000 Mi., 1 Owner
$8,600

1987 Ford F250 4x4, 300 EFI, 4 Speed, PS, PB, AM-FM, Dual Tanks, 6,600 GVW, New Radials, 1 Owner, Red
$7,900

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1987 Eby 48'x96"x13'6" Cattle/Hog Combo (Jailhouse)
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1983 Barrett 48'x96"x13'6" Cattle Trailer
1983 Wilson 45'x96"x13'4" Cattel/Hog Combo
1982 Wilson 45'x96"x13'2" Cattle Trailer
1982 Wilson 45'x96"x13'6" Cattle-Pot

STOCK TRAILERS

1990 Eby 24'x8'x6'6"
1986 20'x8' Aluminum Walinga
1985 Trailer, 4 Horse Gooseneck
1985 Super Goose 20'x6'x6'10"
1983 Eby 18'x7'6"x6'6" Gooseneck
1982 Triggs 30'x8'x6' Fiberglass

BODIES

(4) 12' Eby Aluminum Cattle Body
17' Eby Cattle Body
18' Eby Cattle Body
21' Eby Aluminum -Double Deck
20' Fruehauf - Deck-Rail & Decking
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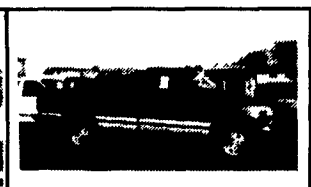
1335 Manheim Pike, Lancaster
394-0711

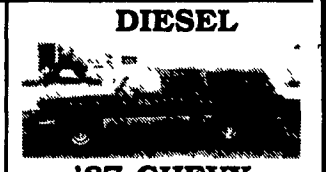
'84 GMC HI-CUBE VAN
350, AT, Good Work Truck, #7330
Was $4,995
NOW **$3,150**

'86 CHEVY 4x4 PICKUP
Silverado, AT, AC, Lift Kit #7281
Was $8,995
NOW **$6,750**

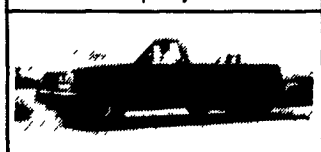


'91 CHEVY 4x4 PICKUP
Silverado, 350, AT, AC, #7287
Was $17,900
NOW **$15,350**

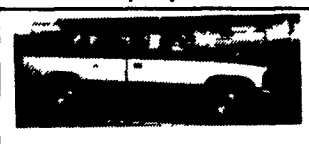
DIESEL



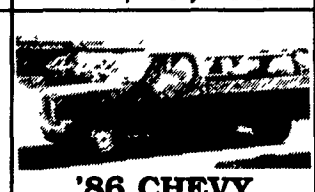
'87 CHEVY SUBURBAN 4x4
Silv., AT, AC, 9 Pass., #7318
Was $12,995
NOW **$11,700**



'88 CHEVY C-30 PICKUP
Silv., 454, Trailer Pkg., #7319 (File Photo)
Was $12,995
NOW **$10,774**

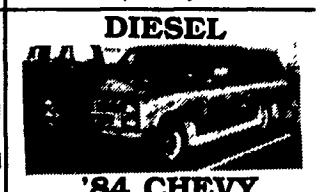


'89 CHEVY SILVERADO
350, AT, AC, Trailer, Pkg., Low Mi., #7304
Was $12,995
NOW **$10,700**

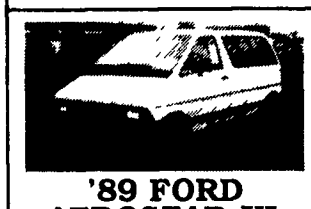


'86 CHEVY ¾ TON PICKUP
350, 4 Spd., Great Work Truck, #7315
Was $5,995
NOW **$4,175**

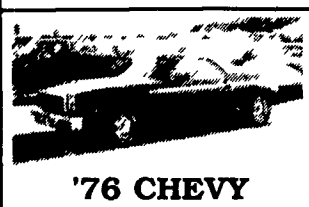
DIESEL



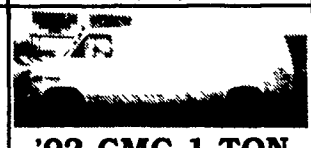
'84 CHEVY SUBURBAN
AT, 9 Pass., Front & Rear Air, #7296
Was $6,995
NOW **$5,750**



'89 FORD AEROSTAR XL
V6, AT, AC, 7 Pass , #7266
Was $10,995
NOW **$8,850**

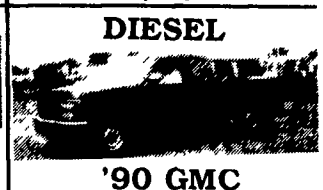


'76 CHEVY EL CAMINO SS
350, AT, AC, One Of A Kind #7310
Was $3,995
NOW **$2,750**

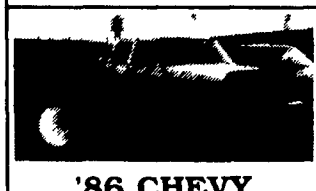


'92 GMC 1 TON EXTENDED CARGO VAN
350, AT, AC, PL, Cruise, Tilt, #7206
Was $19,300
NOW **$13,900**

DIESEL

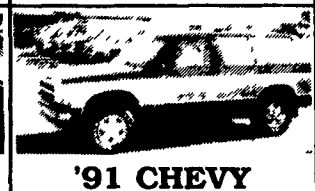


'90 GMC EXT. CAB 4x4
Long Bed, Sierra Classic, AC #7338 (File Photo)
Was $17,995
NOW **$15,750**

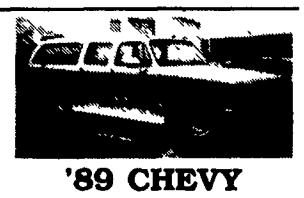


'86 CHEVY CREW CAB 4x4
Silverado, AT, AC, PW, PDL, Trailer Pkg. #7292
Was $11,995
NOW **$9,650**

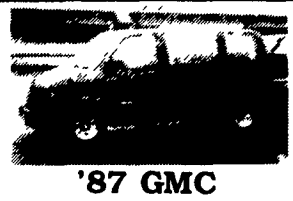
'88 CHEVY ASTRO
V6, AT, AC, 8 Pass. #7307
Was $10,995
WAS **$8,750**



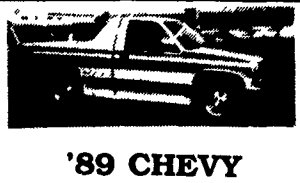
'91 CHEVY S-10 BLAZER
4 Dr., V6, AT, AC, Tahoe, 35,000 Mi. #7317
Was $18,995
NOW **$17,750**



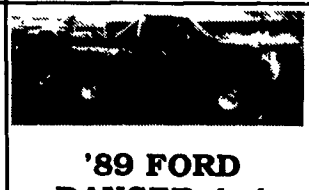
'89 CHEVY SUBURBAN 4x4
Silverado, 350, Traler Pkg., 9 Pass., #7327
Was $14,995
NOW **$12,750**



'87 GMC SAFARI
V-6, AT, AC, Great Buy!, #7320
Was $8,495
NOW **$5,750**

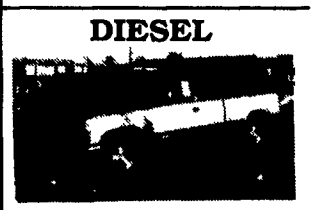


'89 CHEVY 4x4 PICKUP
Short Bed, 350, AT, AC, Southern Coach Conv. #7265
Was $15,495
NOW **$12,900**



'89 FORD RANGER 4x4
STX, V6, AT, AC, 38,000 MI., Lift Kit #7297
Was $11,995
NOW **$9,900**

DIESEL



'92 GMC EXT. CAB
AT, AC, All The Bells & Whistles #7301
Was $19,900
NOW **$18,100**

Prices based on straight sale. Tax & tags extra.

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1992 Nissan UD 1300, 5 Speed	13,000 GVW
1991 Nissan UD 1800	17,000 GVW

USED TRUCKS

1990 International 4900	32,900 GVW
1988 International w/Van Body	28,000 GVW
1977 International 1854	30,000 GVW
1976 International Fleetstar, Automatic	35,000 GVW
1978 International	19,200 GVW
1985 Ford F350 w/Dump	10,000 GVW
1976 Chevy	23,160 GVW
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36 REAL ESTATE

FOR RENT. Modern dairy barn w/double herringbone parlor, computer feeder, 100 free stall, liquid manure system, 2 silos, high moisture corn silo, bunk feeder w/or w/o 150 acres of farm gound House included, Located in Union Co (717)966-3302 (717)966-2438

FOR SALE 7+ Acre wood lot, road frontage, level tract Red Lion, PA area, 717/244-1444

GOVERNMENT HOMES from $1 (U repair) Delinquent tax property Repossessions Your area (1) 805 962-8000 Ext GH-4156 for current repo list

House trailer, moveable, needs repairs. Complete DeLaval milking system. 1-1/2" pipeline w/milkers for 9 stalls. (410)357-5937.

ICE CREAM/FAST FOOD BUSINESS- 24x40' equipped, established. HOUSE, 2300 sq. feet, many improvements. ACRES, 42+/-, ½ mile highway frontage. Addison, New York, Southern Tier ALL for $139,900 908-496-4623

Lancaster County family w/ small dairy herd looking for reasonable priced farm by Spring 1994 No prefernce of location, soil type NO Realtors please. Write R-4, %Lancaster Farming, POB 609, Ephrata, PA 17522

Lewis County NY dairy farm 177 Acres, 50 Stanchion Barns, Room for 15 Young Stock, Bulk Tank, Milking Equipment, Cutter Cleaner 5BR Home, 2 Bath, Large Kitchen w/ Appliances Option Will Sell w/Hay Equipment $120,000 315-376-6701

Mountain Land 42 Acres Northern Centre County Off of Route 144 Mostly Level, All Wooded $21,500 717-235-0515

Nice 125 acre dairy farm (Erie Co), 110 ac tillable, nice stand of timber 44 stanchion barn, pipeline, 20X60 silo, 60X80 machine shed, other out buildings, 5700bu. bin/dryer, 2 story house Located on blacktop 4 miles from town and schools, $185,000 Adjacent farmland available to rent Cattle and complete line of equipment also for sale (814) 438-2679

"FARMS FOR SALE" 2½ story stone house w/3BR on 12+ acres. Frame barn w/3 stalls Green house. East Earl Twp. Asking $169,000. ELTON HORNING FARM AGENCY, Main St., Morgantown, PA 215-286-0135.

FARMS WANTED· Are you planning on buying, relocating or selling your farm or land(s)? Give the experienced people at HEYWORTH REALTY a call We are QUALIFIED AND EXPERIENCED in farm/land sales and have all types of farms for sale For information Call or Write· Lawrence Stouffer, HEYWORTH REALTY, 1300B Dual Highway, Hagerstown, MD 21740. 301-733-3701 Office; 717-597-2584 Eves.

Farm and Restaurant and Store, Silos and equipment, Mansfield, PA, (717)693-4030

FOR LEASE: Unbelievable Price! 123 acres w/bank barn (93A farmland/ pasture, 9A wildlife, 21A woodland) off route 15, just over PA line in NY Must supply your own living quarters Has electric and water 717/757-1305

FOR RENT: 100A dairy or beef, 3 silos, barn, house. 412-668-7458.

FOR RENT· 1BR apartment w/horse barn, small pasture Reinholds $495 month 215-267-5086

Tioga County. 237+/- acre dairy farm, large 83 tie-stall barn w/room for young stock Pipeline, 800G bulk tank, 2 silos w/unloaders Large 11 room, 2 bath,rm house Would be excellent bed/breakfast locale $250,000 Cattle and machinery also available at extra cost (717)537-2163

Tioga County, PA 122 +/- acre farm Large recently renovated, 4BR, brick Victorian home Inside solid, outside needs cosmetics Barn needs renovation for desired purpose Stream through pasture Detached garage w/steps to second floor Five miles from Mansifeld University Thirty miles from Corning, NY. Reply P O Box 105, Mainesburg, PA 16932

WANTED 100 to 200 acre farm boardering active railroad, Juniata, Mifflin, Huntingdon counties Also 20+ acres open land, Belleville area Also farm or farm land in Centre County Please call Bonnie Darlington, (814)364-9826 Realtor for Heritage Realty, State College, PA

WANTED. Dairy farm around 150 Acres, must be set up for dairy. Write: R-65, %Lancaster Farming, POB 609, Ephrata, PA 17522.

Wanted to Lease farm, farmette, good house, barn. Danville area. 717-988-1978

WISCONSIN DAIRY FARMS, 30 cow to 150 cow, Up, Excellent Prices & Terms for Spring Possession Call now! L L STEWART, Realtors, 2007 Hogeboom, Eau Claire, WI 54701, 715/834-6664

Seven room house w/thirty acres, garage and large shed, meadow ground and woods. Location in West VA. Ten miles West Skinnston 703-238-1860

Southern Lancaster Co 3BR farmhouse, 2 car garage, small barn Available May 1 $750/month 717-284-4615.

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30 Acres Fenced- 2 Ponds - 4 BR - 2 Story Brick Basement 1¾ B - Den - LR - Fireplace - K - Dining R - C Fans - New CH/AC Carport - Dishwasher - Roof, 5 Car Garage, Small Barn $120,000

2 BR, 1 Bath New Roof & Vinyl Siding
2 Car Garage Fenced In Yard, 125 Mi West of Little Rock, Ark Plenty of Hunting & Fishing $19,000

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Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation-Complete. Since 1946. Quality known nationwide

717/345-4952

Adams Co. Horse Farm

For Sale or Lease to Buy 37A - 45 stall indoor riding w/wash room, office & lounge, restroom, tack & blacksmith shop. 5 BR house, restored, new furnace windows & utilities w/road frontage, next to town & across from recreation park, 8 A of meadow w/stream & fence, 20 A set in alfalfa

2 mobile homes on property for help or rent Outside show ring and board fenced paddocks Located in Littlestown, PA, 1 mile from the MD line Former owners income over the 6-digit numbers Extra land can be bought Call now Financing available

717-225-4811

FARMS CUMBERLAND COUNTY

95 Acres m/l some wooded, gently rolling, shale soil bank barn, implement building, log & frame farm house Call for details

Land 47 Acres Limestome Soil, Zoned agricultural several acres wooded, east of Carlisle Frontage on two roads Call Charles

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

York County. Sunnyburn Area. 89 Acre farm w/9 year old cape cod house, frame barn and 3 silos, automatic egg laying operation. **$450,000**
Delta Area. 69 acres w/60 tillable, balance wooded **$159,500**
Bennett Williams BHG
800-233-7051
or 717-862-3869
Ask for Lee Kennedy

FARMS & LAND in Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon Perry & York. We have all sizes and descriptions from 15 to 300+ acres.

Types are: hog, dairy, horse, beef, poultry and general Land for development, some approved Tracts with special houses

Prices ranging from $100,000 to $3,000,000

FEATURING - 170 acre dairy farm, 60 tie stalls, 4 silos, young cattle, housing, implement storage and 3 attractive homes

Call John Niesley for consultation
(717) 531-2807
MOYER COMMERCIAL
Div. of Moyer Realty Assoc., Inc.
261 W. Chocolate Ave., Hershey, PA 17033
(717) 534-1991

E-TOWN DODGE

1989 Dodge W150 4x4 Long Bed, Like New

1989 Chevy C-1500, 27,000 Miles

1992 B-350 Maxi Wagon, 15 Passenger, 20,000 Miles

(6) 1993 Diesels In Stock Club Cab & Regular Cab, 5 Speed & Auto.

CALL
MILTON HESS
717-367-6644
717-653-6667
Elizabethtown, PA

1976 Int. 2010A Grain Dump Truck 16' Body, 5+2 Trans , 478 Gas
$4800 OBO
410-275-2605

36 REAL ESTATE

FARM FOR SALE: Southern Somerset Co , PA 183 picturesque acres, streams, near recreational areas, bank barn, 4BR Civil War house, 100 tillable acres, mineral rights, excellent road frontage, assistance w/financing, $235,000 814-662-4029.

Farm For Sale In Bedford County

116 Acres Tillable, 140 Acres Woodland, Good Hunting Ground, 2 Bank Barns, DeLaval Milking Parlor Double 4 w/8 Milking Units, 3 Concrete Stave Silos, Bulk Feeder 90', Manure Pit, 180 Day Holding for 80 Cows, 1,000 Gal. Mueller Bulk Tank, Dual Compressor w/Prewater Heater, Adequate Wells. 2 Story Brick Farmhouse, Machine Shed 36x76, Stream Bank Stabilization.

814-652-2594

LAND FOR SALE

Dauphin Co. Owner Selling 129+ A Halifax Twp. Rt. 225 Frontage, 80 Tillable 20+ Pasture, 20+ Woods, NO Buildings. Also For Sale By Adjoining Neighbors House w/Barn Pond and Two Ranch Houses
Evenings 7-9 (717) 896-9105

Beautiful 55 Cow Farm with 128 acres. Excellent 10 rm home with 5 bdrms, 2½ baths, tie stall barn with pipeline, 40'x70' machine bldg. 2 silos. Pleasant area, great buy at only $170,000.

Call for more details and our free farm list

POSSON REALTY
Norwich, N.Y.
(607) 334-9727

FARM FOR SALE (Northumberland Co.)

170 Ac = Approx. 90 Tillable, 70 Woodland

Unique 1850's restored brick 2-story farmhouse, oil fired W.A. Ht., central AC, 4 BR, formal DR, LR, new cherry shaker kitchen, alt. ht. source, coal stove in LR; restorable summer house, 2-car garage, block barn (10,000 sq. ft.) new 1985.

717-538-2879
or 717-323-3446
"No Realtors"
Asking $335,000
"Serious Inquiries Only"

36 REAL ESTATE

10 acre orchard. Large building Fruit, nut and Christmas trees Panoramic building site Bedford County (814)623-6041

119 acre farm, beautiful 150 years old 8RM limestone house, barn and other outbuildings in good repair No milking facilities. Mostly sandstone soil 2 ponds Near Chambersburg, PA, Franklin Co. $400,000 (717)369-3386 after 4pm

140A farm w/buildings, 60A clear, silos, free-stall dairy shed, Southeastern Indiana County, PA (412)479-3898 (412)479-2288.

165A dairy farm, 3 silos, TMR feeding, 3 grain bins, 50x108 machine shed, 40x75 farm shop, milking equipment Double-4 herringbone parlor, excellent water supply 4BR, 2 bath, brick home w/central air, outside furnace All buildings less than 19 years old (901)782-3665

211 acre dairy farm in Western PA 3BR ranch home plus other outbuildings Machinery and cattle available (412)475-2462.

213 Acres, 120 freestalls, TMR double six parlor, 4 silos, liquid manure, large bank barn. Remodeled home, good Alfalfa ground 814-443-3295 Somerset

44A farm near Hammonton, NJ Completely renovated 2BR house 9 5A producing apple orchard 14 8A tillable field next to golf course Zoned 3.2A/house Beautiful property, $200,000. Owner financing available. (609)748-1612 Will also consider lease

50A farmland, 40 tillable, 10 wooded, 2300' state highway frontage Property located adjacent to small state licensed airport Excellent future investment For sale by owner 609-769-0597 If no answer, leave message.

75 Acre dairy farm for rent Large farmhouse. Manheim, PA. 717-665-5210

Barn, 5BR house, 5A, along R-30. Commercial, Agriculture Make offer. 717-442-8208.

COUNTRY RETREAT, 145 acres, 2 acre pond house w/5BR, fireplace, satellite TV, adjacent 1600 acres PA Game Lands Respond to: P O Box 301, Selinsgrove, PA 17870

Combination 3000-sq ft commercial repair shop and 160A beef feeding operation, steer barn, 20x50 silo, equipment shed, 3 steel bins, house, other buildings, $90,000 Karlstad MN 218-436-2219, 218 436 2980

FARM FOR RENT near Salisbury, PA Details call 814/634-5426 after 5 pm

Northumberland, PA, Northumberland County 46A farm, farmhouse, bank barn, poultry buildings, fully equipted, zoned highway commercial w/850' road frontage along Rt 147 May be divided into 2 parcels 1-6 25A w/house, barn and 490x30 poultry building, and 1-38 25A and 450x40' poultry building, 1-40x50', and 1-425x30' Priced to SELL! (717)473-8257

One lot 45+/- acres, 2 lots 35+/- acres All three have good deer hunting Allegheny County, NY Call (908)459-5357 leave message

RENT 40 acres, southeastern Chester Co near Oxford/Quarryville Organic crops farm certified 215/932-9804

Sale/Trade 2BR, bath w/2BR bath apartment 2ndfl apartment 50x100 lot 24 separate garage electric heat value $121,500 NWildwood, NJ f/farm or land (216)262-0357

Berks County Farmette 10 acres w/ home and other buildings Good possibility for poultry or hog operation $159,000.

Honeybrook Area 10 acres with home, zoned residential with sewer & water available with road frontage on both sides of property $259,000

Rothsville Area 2 country building lots approved for standard systems.

Call Paul E. Martin At
(717) 733-3511
Red Rose Realty

FOR SALE BY OWNER

16 Acres with House, Barn Pond, Apple Orchard & Woodworking Shop. Located in Blain, PA

Phone 717-536-3366
After 6 PM

Exceptional Western Rancher on 50 acres. Features large cattle barn, machine shed, pole barn, showing & fitting barn 2 story 4 car garage w/ workshop Fenced inground pool, blacktop driveways More land available

Stately Brick home, 8 rooms, 1½ baths 29 acres fronting on 2 roads 4 O S. building

Beautiful stone 2 story home. 98 acres with 8 stall horse barn, tack/storage rooms, dairy bank barn, silo & milkhouse. Fenced pasture & riding area.

Acreage: 42 acres, over 2000' road frontage/66+ acres, perc approved, minutes from Whitetail.

1300B Dual Hwy.
Hagerstown, Maryland
Lawrence Stouffer,
Off: 301-733-3701 or
717-597-2584

HEYWORTH REALTY

FARMS FOR SALE

53 Acre Gentlemans Ranch nestled in a remote setting North of Pine Creek Valley, PA's finest hunting and fishing location. The property offers a remodeled home, 5 block and concrete outbuildings, an inground pool, windmill well, fruit trees all fenced into 7 pastures. All this for $135,000! - Or purchase with newly built adjoining home on 1.4 acres for $225,000

13 Acre Horse Ranch located in a small town of Carroll 25 miles Southwest of Williamsport 3 bedroom Ranch home was built in 1991, along with a 30x32 2 story barn! $119,000!

For more information on these two beautiful farms call: 717-398-7316.

Rell *Real Estate • Auctioneers • Appraisers • Property Management*

252 Allegheny Street • Jersey Shore, PA 17740
(717) 398-7316 • 748-5998 • 322-6121

CUMBERLAND COUNTY FARMS

135 A. Beef Cattle or Horse Farm, Colonial Brick 4 bedroom home, Large Spring fed pond

* * * * * * * * * * * *

97 A. Working Dairy farm, pipeline, bulk tank, silos 200 hd cap hog finishing bldg , 4 bedroom home tastefully renovated

The Prudential

Stewart Real Estate
Ask For Mark Bucher
(717) 245-9393 - Day
(717) 776-3073 - Evenings

---

279 Ac. Cattle Farm in Spencer County located in Southern Indiana. 3 BR home, 18 ac. lake, 5 ponds, 4 bldgs. 2 producing oil wells with $1500 a yr. income. $1195 per acre.

Additional 300 ac. with house and barns. ½ pasture, ½ woods. $1400 per acre.

Also 64 ac. river bottom crop land. $1400 per acre. All presently operated as one farm.

Contact Bill Reid at
HOLLINDEN REALTY
In Tell City, IN 47586
Phone (812) 547-3441 Office
or 547-6030 Home

Thinking of marketing your farm?
You need to call on the experience of Harry Zimmerman for professional confidential service.
Specializing in tax deferred exchanges
TOWN & COUNTRY REALTY
717-299-4885 Office
717-355-2048 Home
1-800-472-2641
717-575-2542 Car Phone

SOUTHERN NEW YORK

150 acres, 50 acres garden soil, fronts on major highway, Tioga River, nice 4 BR house, 3 barns, good access, $150,000.

100 acres, open & wooded, pond, view, $35,000

50 acres, 2 barns, silo, 4 BR farmhouse, $92,000

LEW REAL ESTATE, INC.
141 Chestnut St.
Corning, NY 14830
607-937-5637

FARM DRASTICALLY REDUCED

43+ acre farm in Fawn Grove

Super location, 15 minutes to Norman Wood Bridge 34+ tillable acres, 4 wooded. Large spring fed pond (partially fenced) with stream. Newly fenced pasture, 2+ story Bank Barn with separate well & electric 2 story equipment & repair shop, with seperate meter. 2 large & 3 small additional outbuildings in good condition 5 bedroom updated 2 story Colonial home Home includes large country kitchen, 2 full baths, 2 fireplaces & 1 additional flue in kitchen For more information & an appointment please call, DONNA SNODGRASS (410) 452-5785 or KATHY YOUNG (410) 836-1979

O'Conor, Piper & Flynn, EHO

Chester Co. E. Fallowfield Twp.
Mobile home park, 88 pads, and 2,000 sq. ft. residence + 2 apartments, 14 acres. Priced at $1.6 million.

Juniata Co.
Two 1 acre building lots, Richfield, Pa. $17,500.

Northumberland Co.
147 Acres, 130 tillable, edom soil. Frame house and barn $425,000.

I need farms in the Amish areas of Dauphin, Perry, Lycoming and Northumberland Counties.

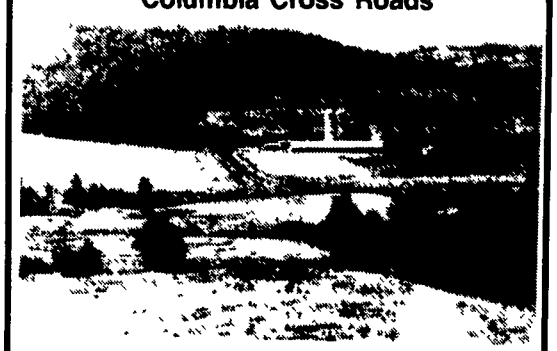
Call Harry Zimmerman
Office: 717-299-4885
1-800-472-2641
Car: 717-575-2542
TOWN & COUNTRY REALTY

Morrison's Cove Dairy Farm
Bedford Co.

100 tillable acres, large farm house, barn w/60 stalls, pipeline, gutter cleaner. All milk house equipment included. Heifer barn attached, dry cow barn w/bunk feeder, 2 silos, 1 Harvestore, feeders to milk barn and dry cow barn. Ready to move into and start milking.

(717) 993-5488
If no answer
(814) 766-3154 leave message

Bradford County
Columbia Cross Roads



285 acre Farm, 44 acres wooded, 2 houses, 2 barns (180'x85'), (40'x160'), 2 - 24'x90' concrete silos, complete manure facilities & storage buildings. Many possibilities, Priced For Sale.

215-273-3761

TO SELL FARMS IN EASTERN PENNSYLVANIA CALL
HERSHEY FARM AGENCY, INC.
Thomas L. Hershey, Realtor Associate
Hiram Hershey, Realtor/Broker
1-800-346-0505 (PA only)
215-287-8888

Tioga County, PA.

2 story home on 22 acres, 3 or 4 bedroom, excellent hunting and recreational area. $79,900

3 Bedroom ranch in recreation retirement development, golf, skiing, hunting close by. $70,000

4 Bedroom plus loft in 2 story home on 46+ acres, close to state park and fishing. Excellent 360° view with soil works complete. $95,000.

2 Story on 10 acres, stream flows through property, upstairs all newly remodeled, downstairs stripped, ready to refinish. Next to covered bridge. $63,900

Acreages Available
LIBERTY REAL ESTATE CO.
717-324-2540

JUNIATA COUNTY LAND
60 MILES WEST OF HARRISBURG, PA

99 ACRES, wooded, perked, subdivision, potential, public sewer and water near, excellent building sites, several with great view, $1,200 per acre;

81 ACRES, wooded, perked, good view from building site, $1,200 per acre;

93 ACRES, 85 tillable, lot of large stream frontage, lot of public road frontage w/ practically no traffic, irrigation potential, Pope & Philo soils, excellent building site, subdivision potential, $215,000;

52 ACRES, 49 ac wooded, BORDERS STATE GAME LAND, gravel Township road frontage, small stream, excellent hunting area, $69,900

LARRY LONG REAL ESTATE
717-527-4784

WIMPLE ASSOCIATES

STONE FREE RIVER BOTTOM: 400 acres, 210 tillable. Beautiful riverside land, 102 cow free stall barn, double 8 parlor, 3 silos, large manure pit. Elegant 6 bedroom home. 2nd home available. $375,000.

REGISTERED JERSEY FARM: 258 acres, Large workng sugarbush & sugar house. VG 60 cow barn, 2 silos; easy for chores. Real nice 4 BR home. $160,000 bare or $240,000 complete.

VICTORIAN FARMETTE: 7 acres. Hidden setting at edge of town. Stately 10 room steep roof Victorian, oil/wood heat, village water. Small horse barn. $39,900. JUST LISTED!

MORT WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FAX: 875-6749
BRAND NEW FREE DAIRY CATALOGUES

Schuylkill County

164 ACRE FARM HUNTERS PARADISE

Nestleid in a picturesque valley, this scenic property has 2 story house, garage & storage bldgs. 40 acres tillable - 120 acres wooded with 2 springs, stream & pond. Adjacent to state game lands - excellent hunting - ideal for horses or retreat. $350,000.

Additional information and photos available upon request

new pennsylvania realty, inc.

FARMS, LAND, and COUNTRY ESTATES!
Bernie Flory, Farm Agent
717-386-5000 or 215-398-2559
Box 123, Rt. 1, New Ringgold, PA 17960
Over 20 Other Farms Available

FOR SALE BY OWNER:

1020 acres near Baldwin, WI, 35 miles East of St. Paul, just off I-94. 795 acres tillable, 3 bdrm rambler, large dairy barn w/ parlor (no equipment), loafing shed, large cattle shed w/cement floor, large machine shed, 3 silos, 20,000 bu. storage, $610,000. Would consider selling 240 acres w/improvements. Will finance to qualified buyer.

For further details

Phone 507-433-7394

ask for Paul

HUNTING RETREAT
BORDERS STATE GAME LANDS

52 Total Acres
49 acres wooded
SMALL STREAM
Gravel Township Road Frontage
"STANDARD SEPTIC PERMIT"

JUNIATA COUNTY
One (1) Hour West Of Harrisburg
Ideal For Membership Camp
$69,000

LARRY LONG REAL ESTATE
717-527-4784

VAUGHAN
AUCTION & REALTY CO.

VIRGINIA BEEF CATTLE FARM

South Central Virginia)

524 Acres: Over 400 acres in pastureland and/ or cropland; balance wooded. Plenty of water. Farm is presently in a high state of cultivation and has been well managed. Completely renovated 2-story farm house (original structure dating back prior to 1900). Three bedrooms, living room, dining room, family room, country kitchen and 1½ baths (approximately 2,500 sq. ft.). Home was remodeled in a professional manner. Numerous barns for hay and machinery storage (all in good condition). Real estate taxes approximately $1,600 per year. Priced at $675,000. For Complete Details:

VAUGHAN AUCTION & REALTY CO.
PO Box 1, Keysville, VA 23947
804/736-8400

THE **REAL ESTATERS OF MANSFIELD**
1671 S. Main St., Mansfield, PA 16933
(717) 662-2138 - Evening (717) 662-2363

DAIRY/BEEF OPERATION

Just listed in northwestern Tioga County. Approx. 115 acres of river bottom ground included with tremendous set of buildings. 35x152 starter barn, 70x226 main barn set up for 400 head capacity 30x120 feeder barn, 24x112 finishing barn, 50x150 shop/machine shed. 16,000 bushel grain storage 2 silos, 950,000 gallon liquid manure storage tank, much more w/8 rm., 4 bdrm house for $195,000. Additional 105 acres and $70,000 ranch home over finished bsmt. .for package of $300,000 M-224

WELLSBORO/MANSFIELD AREA FARM

In Tioga County PA. 72 tie stalls & 3 box stalls on pipeline 4th row for heifers. 1 year manure pit. 20x60 silo Intensive pasture program on portion of 110 acres adjoining 120± acres avail for lease. 10 rm 4 bdrm farmhouse Existing $100,000 FmHA 5% int mortgage Immediate possession avail. Just $159,900 M-121

BRADFORD COUNTY DAIRY FARM

123 74 acre dairy farm (mostly tillable). 102 mature cow tie stalls on 2" stainless steel pipeline milking system Milkhouse equipment and 6 Surge milkers almost new 40x306 dairy barn built in 2 sections with overhead storage over bank barn section. additional housing for yearlings and heifers in same barn. 1250 gallon Mueller bulk tank with oversized heat saver HW tank 2 barn cleaners 14x40 and 24x70 concrete stave silos with renovated Badger unloaders. Additional corn cribs and storage buildings included. 8 rm , 4 bdrm , 1 bath house w/natural gas hot air heat Attached 1 car garage Trailer site with hookups. Farm in Clean & Green Immediate possession $199,500. M-154.

PAINTER RUN RETREAT

Approx 244 acres w/approx. 100 acres and 144 acres located on each side of well maintained Township Road. Would consider selling as 2 parcels. Electric on site. All wooded w/Painter Run stream through property. Excellent deer, bear, turkey and small game hunting. Price reduced to $845 per acre. M-159.

TRAILER COURT: 26x54 Modular Home, 3 Bdrms, living & dining rm. + extra's - rented. Also 1 mobile home - rented & 4 moblie home sites all rented. $87,000 W-916

RURAL RELAXER - 3 Bdrm, rancher on 18 ac w/ great views & stream Walk in finished bsmt + additional kitchen area Delmar Tpw $76,900 W-922.

ERA Homestead Realty
23 East Ave.
Wellsboro, PA 16901
800-879-1590

PRICE REDUCED on this 49+ ac mostly wooded parcel complete with perc site & sm brook Was $1,000/acres - NOWE $39,545 M-631 GOOD HUNTING!!

ROOMY & REASONABLE with TLC this 4-5 bedroom home on 5 acres would be a owners dream Located between Mansfield & Elmira $47,000 M-629

ERA Homestead Realty
1 N. Main St.
Mansfield, PA 16933
800-688-2220

---

22 ACRES SE LANC. CO. beautiful building site overlooking historic farm with pond. Mostly wooded, level ground. $124,900.

45 ACRES w/STREAM So. Lanc. Co. near Wakefield. 5 Br frame house. Level ground fronts on Route 272 across from Powl's feeds. $175,000 ALSO available with 10 additional acres and large farmhouse for $389,000.

GEORGIAN MANSION in great condition nicely restored on 5 acres in rolling hills of SW Ches. Co. Seven (7) fireplaces. Has separate in-law or maids quarters. $389,900.

COMMERCIAL PROPERTY, Paradise Twp., corner of Rte. 30 and Belmont. Now has machine shop and 3 br apartment plus 4 bd, 2 ba, field stone and frame house on 1 acre. $169,000.

ROBERT T.
COATES Ltd.
REALTOR
(215) 932-5484
(717) 442-4134
(717) 291-1542

FINGER LAKES AREA FARMS FOR SALE

Penn Yan - 260 acre farm with 44 tie stall barn and excellent four bedroom home Machine storage and exceptionally level land - can be divided into two 130 acre farms

200 Acres, two excellent homes. 150 freestall barn, silos - can be divided into two 100 acre farms

106 acres, 24 stall dairy barn, four bedroom home.

720 acre farm - can be divided Three homes, exceptionally large, level fields.

(These four farms close to Benton church)

245 acres, 40 stanchion barn. Recently remodeled four bedroom home.

Cato, N.Y. area - 308 acre, 65 stall dairy barn, large, level fields Good four bedroom home Also on this farm is 110,000 grain storage system and brokerage of grain and fertilizers

365 acres, 120 free stall barn, two good houses, large, level fields.

320 acres, 80 tie stall barn, six bedroom home.

Other good farms in area.

William Botcher, Assoc. Broker
5634 Tellier Road
Newark, New York 14513
315-331-5868
HARRIS WILCOX, INC.

Come See - Make Offer
Dairy Farm
In Southern Huntingdon County
4½ Miles N. of Shade Gap
on Route #35

Peaceful, quiet setting consisting of 184 acres 44 acres cropland, 23 acres, pasture, balance woodland. Farm in clean & green (low taxes) Soils are Buchanan & Murrill Gravely loam + Hublersburg & Newark Silt Loam + Epom-Weikert Complex. Freestall-Parlor complex and silos built in 1979 60 freestalls w/inside bunk feeder w/headgates. Surge double 3 diagonal parlor + milk house w/1000 gal. bulk tank + office all have tile-glazed blocks. 20'x40' and 20'x80' Harvestore silos (including 25' of high moisture shelled corn) 31'x71' 2 story stone & steel siding bank barn, 28'x56' pole machine shed, 9 unit calf condo. 40'x60'x8' treated lumber manure pit w/ chain link fencing.

2 story house w/new vinyl siding & shutters 4 BR & bath & 3 rooms downstairs (all electric).

More land is available to rent!!! Also another barn & 20'x70' cement silo to lease.

Approximately 60 milk cows & 45 heifers (All Reg Holsteins) and farm machinery are available at an addition cost Farm appraised.

Call Owner At (814) 259-3331
Would Like To Sell This Spring!
Only Serious Inquiries Please

STEVENS REAL ESTATE
REALTOR MLS
P.O. Box 94
Gaines, PA 16921
(814) 435-6558

FIRST TIME LISTED — New Log Cabin on 5 5 +/- wooded, surveyed and perced acres Electric and telephone available Within walking distance of State Forest and trout stream - $44,900 00 G-4874

BORDERS STATE LAND - Ranch style cabin on 8+ acres near Cherry Springs Well built with vinyl siding, 2 bedrooms Owner finance available - $35,000 00 G-4796.

NICE VACTATION SPOT - Ranch style camp shell, fully insulated. Room for 3 bedrooms. On 6 2 acres within walking distance to State Land. - $25,000 00 G-4837.

EXCELLENT HUNTING AREA - 3 room furnished camp in good condition Electric, bottled gas and well On 0 9 acres close to paper co lands - $23,000 00 G-4833

MINI FARM CHESTER COUNTY

3 bedroom A-frame w/24x36 horse or beef barn w/2 paddocks and 3 pastures on 9.5 acres of land. Only $235,000.

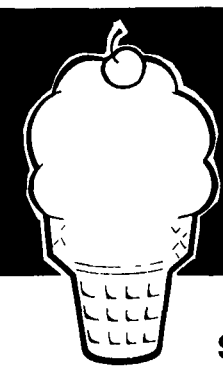
2 LANCASTER COUNTY FARMS

100 acres, 75 tillable, 20 wooded w/large chicken operation & small dairy w/4 bedroom frame & brick house...$500,000.

75 Acres, 56 tillable, dairy operation w/ large tobacco barn & 5 bedroom frame house..Only $525,000.

Call Clarence Wenger
(717) 299-4885 (Office)
(717) 284-4423 (Home)

Town & Country REALTY
250 N. Duke St.
Lancaster, PA 17602



ICE CREAM/ FAST FOOD BUSINESS

House/Barn On 42 Acres.

Southern Tier, Stuben County, NY

BUSINESS - Equipped and Established 24'x40', Porch 24'x24', **House** 2300 sq. ft., 4-5 bedroom, many serious improvements. **Barn** 30x40', **Location,** excellent with ½ mile highway frontage. 42+- **Acres,** 15 tillable.

Rt. 417 West, Addison, NY

CALL 908-496-4623

Dairy Farm, 100 cow barn + 150 river bottom acres, barn, milking parlor, 5 silos, machine shed, hay storage, main house has 3 bdrms, 2 baths, garage, inground pool + more, tenant house 4 bdrms, 1½ baths, etc. Much more on this once in a lifetime offering, asking $340,000 #1215.

Operating Dairy Farm, 150 +- acres, nice 52 stall cow barn, 2 silos, good 2 sty 4 bdrm home, centrally located between Mansfield, Elmira, & Troy, asking $185,000 #1237.

Own your own business. Meat processing plant & equipment. All set up to go, 11+ acres w/home included, 3 bdrms, 2 baths, fmly rm, LR, DR, great setup for someone to earn a good living. Only $135,000 #1225.

148.41 Acres 40 ac. open land, bal. wooded, exc. perc site, Jackson Twp, asking $120,000 #1241

Koch REAL ESTATE AND INSURANCE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

---

36 REAL ESTATE

FOR SALE OR LEASE

450 acre dairy farm Northern NY, double 6 parlor, 150 free stalls, 6 silos, modern 4BR home, $425,000, $40,000 down and owner financing available or lease.

Call
(315) 386-8544
Fax
(315) 379-0126

Affordable Keuka Lake Year Round Home.

Spacious 4 BR w/Open Floor Plan, Sliding Glass Door Opening onto Deck, Boathouse, Playhouse, and More. 80' Frontage.

Carole Mack Realty
315-536-7474

2.9 ACRES W/FENCED PASTURE

36x24 barn, large house w/3BR, 2 baths, Amish neighbors, close to Strasburg. Asking $155,900

Theodore B. Pyle Realtor
100 E. State St., Quarryville, PA 17566
(717) 786-1020

---

400 +/- ACRES

Beautiful Bedford Va. Mountains... Pastures... Bold Stream.. Cottage.. Barns and Magnificent Views!

Mabel Heath
(703) 586-3176
or C-21
Joan Robbins & Assoc.
(703) 586-5500

Susquehanna County:

125 +/- acres, large house, large barn, state stock stream AAA. Mobile home. Plenty of timber. $225,000

No Brokers Please!

215-345-5124

Call or write for our listing, or see our local listing in Lancaster Farming's

February 6th issue.

Longacre

Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919

36 REAL ESTATE

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the January 9th or January 30th issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Mel Rockey	(814) 466-6688
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

LANCASTER COUNTY Number 1 quality dairy farm, 107 acres, level land, dairy barn w/76 comfort stalls, rubber cow mats. Pipeline milker, bulk tank, barn cleaner, 2 Harvestore silos, Slurrystore, heifer barn, new 1 story 50'x90' shop for equipment. Brick farmhouse, modern 1st floor family room, 2 baths, 4 BR, 2 car garage. This farm is available for spring planting. Ideal dairy setup for top dairy folks.

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---

23 ACRE FARMETTE

N.W. Berks County
2½ Story Farm House w/Barn and Stream

RICH BRANDT FARM REAL ESTATE
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FAX: 215-678-8158

DAIRYMEN!

Here is an efficient operation for 75-100 cows. 10 year old tie stall barn for 80 cows. Plenty of silo capacity. Heifer facilities. 6 Month manure storage. 40 acres. Own this for $1700 monthly payment. Additional 100 acres available. Call for Details.

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CENTURY 21
AMERICAN DREAM INC.
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Other York Co. Farms Available

Ideal for Horses
68 Acre Farm For Sale

Good Location In The Finger Lakes Area Of New York Fully Tillable, Level, Good Drainage Beautiful 8 Room 2-Story Home w/1½ Bathrooms, Fireplace, Full Basement, Oil Heat, Lake View, 14x40 Silo Concrete Stave, 30x36 Morton Building Insulated With Concrete, 22x33 Machine Shed w/Concrete Floor, 46x120 Multi-Use Building, 32x60 Hay Shed, 35 Stall Corn Barn w/Barn Cleaner, 600 Gal. Milk Tank, 50,000 Bu. Corn Storage Bin. Dryer Bin.

315/585-6078 Evenings

COME SEE...COME SIGH!

Rustic charmer overlooking a scenic valley of the Tuscarora Mts. 41+- Ac. of rolling pasture w/pond, stream, orchard, woodland & some fencing. Perfect for cattle or horses. Custom built 3 yr. old colonial w/4 BR & 3½ Baths, dream kitchen, uniquely crafted oak hardwood floors and walls throughout. LR w/ fireplace & French doors open to full veranda. Walk out finished basement and family room. Enter attached 3-bay garage w/½ bath thru enclosed breezeway. Add'l 4-bay over-sized garage w/RV stall adj. to home. Ideal for antiques, repair or wood shop business. Franklin Co., 10 mi. N of turnpike, 50 mi. W. of Harrisburg. $258,900. Less acreage available. Call owner at **717/349-2244**

YORK COUNTY - 93 acre dairy farm. Bulk milk tank, glass pipeline, 5 BR home with 2-car garage in excellent condition. A must see.

PERRY COUNTY - 212 acre general farm ideal for steer, chicken or hog farm.

These farms are priced between $230,000 & $350,000. You must see them to appreciate. Call Dale Landis, farm specialist, 626-5876.

JACK GAUGHEN REALTOR
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CENTRAL NY DAIRY FARM

104 acres w/productive gravel bed. More land available to rent. 55 stanchion operation includes Universal pipeline milker & barn cleaner. Heifer barn, machinery barn, silos and more. 5-6 BR Farmhouse plus 3 BR mobile home. A lot for the money. $139,900. Possible owner financing.

Call MEMORY HOPKINS REAL ESTATE, INC.
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GREAT LIVING! LOW TAXES.

"Merequeen Farm", 320 beautiful acres, great ranch home overlooking James River, guest cottage, pool, Mgr's home and much more $695,000. Video upon request.

308 acre cattle farm, ranch home, 5 acre lake, 165 acres in grass. Great buy $335,000.

85 acres, small home, $115,000.

382 acres, 228 acres open, outbuildings, $389,000.

Secluded 308 acres, 148 acres pasture. $175,000.

36.5 acres retirement tract. $29,200.

"ON GOLDEN POND"

Nice 7 room, 2 bath log home overlooking a 12 acre lake on 72.5 acres. $185,000.00.

RIVER FARM

548 acres with long river frontage. Great buy for $535.45 per acre.

"FREE Brochures upon request"
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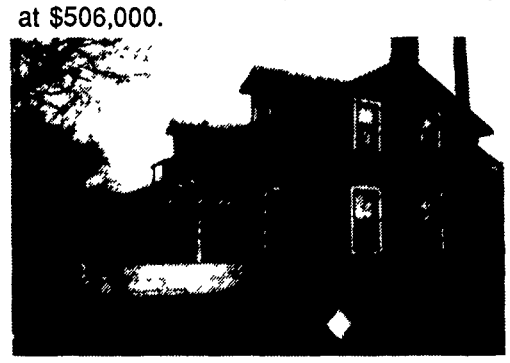
Lafoon Realty, Inc.
720 Oak Street, Farmville, Virginia 23901
1-800-767-6191 or 804-392-6191
After 5, Mike 804-392-4375,
Kip 804-392-3002

YATES COUNTY: Milo township. 204 acre dairy farm, 4 silos, 2 houses, ideal location. Call for details on 118A Offered at $506,000.



YATES COUNTY: Barrington Township. 120 acre farm, 90± tillable, some woods, some open, 2 cabins on 3 ponds, 3 bedroom home. 103A Offered at $130,000.

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New York
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Phone & Fax (315) 823-0288
George Demeree, Broker

#140 - 248 ACRE DAIRY FARM with 138 tillable - 40x165 ft. 2-story barn with 72 stall - pipeline with 4 Surge units - 700 gal. bulk tank - plus 160 ft. drilled well - 7 room stone house in good condition plus 2 car garage - A great buy at **$247,000**

#162 - 560 ACRE DAIRY FARM with 260 tillable - 160x84 ft. free stall barn w/42x80 ft. addition for 150 head - also 36x120 ft. barn for 50 head w/barn cleaner - 40x100 ft. barn for 50 head with ell for 28 heifers - also nursery for 24 calves - double-six computerized milking parlor & TMR - 24x70 ft. concrete silo & 24x40 ft. Harvestore - good 9 room home w/6 B.R. & 1½ baths - listed at **$395,000 bare & $660,000 with cows & machinery.**

#165 - NEW LISTING: 105 ACRE DAIRY FARM w/50 tillable - 2-story barn w/35 stanchions, pipeline milker, bulk tank, freshening pen & room for 6 heifers - also barn cleaner, mow conveyor, 6 months concrete manure storage pit, 20x30 ft. machinery shed. Very good 8 room home w/all new windows, new septic & 2 stall garage w/mostly paved driveway. Plentiful water supply w/well, creek, spring & trout pond - **A VERY ATTRACTIVE PKG. AT ONLY $180,000.**

#312 - 125 ACRE FARM with 100 tillable - good 11 room house - 100x40 ft. tie stall barn for 52 cows plus box stall & 45x30 ft. addition for 20 heifers - lots of water with 2 ponds & 3 wells - plenty of machinery storage plus 2 silos - affordable at **$138,500.**

#608 - 410 A. DAIRY FARM w/215 tillable, 140 pasture & 50 woods, located in an area of highly fertile soil & lg. well-drained, level fields - land that is a joy to work! - plenty of water for irrigation if needed w/rivers on East & West sides of property - 50x290 ft. free stall barn w/45x50 ft. milking parlor, office & animal hospital - 8 Conte units, two 850 gal. bulk tanks, 20x40 ft in-ground manure pit-9 ft. deep - insulated 40x50 ft. calf barn, 70x40 ft. machinery shed & three 24x60 ft. concrete silos - also 11 room home w/ fireplace & 2nd home w/4 BR., 2 baths, modern kitchen, L.R. & D.R. is a colonial in excellent condition - Listed at **$450,000.**

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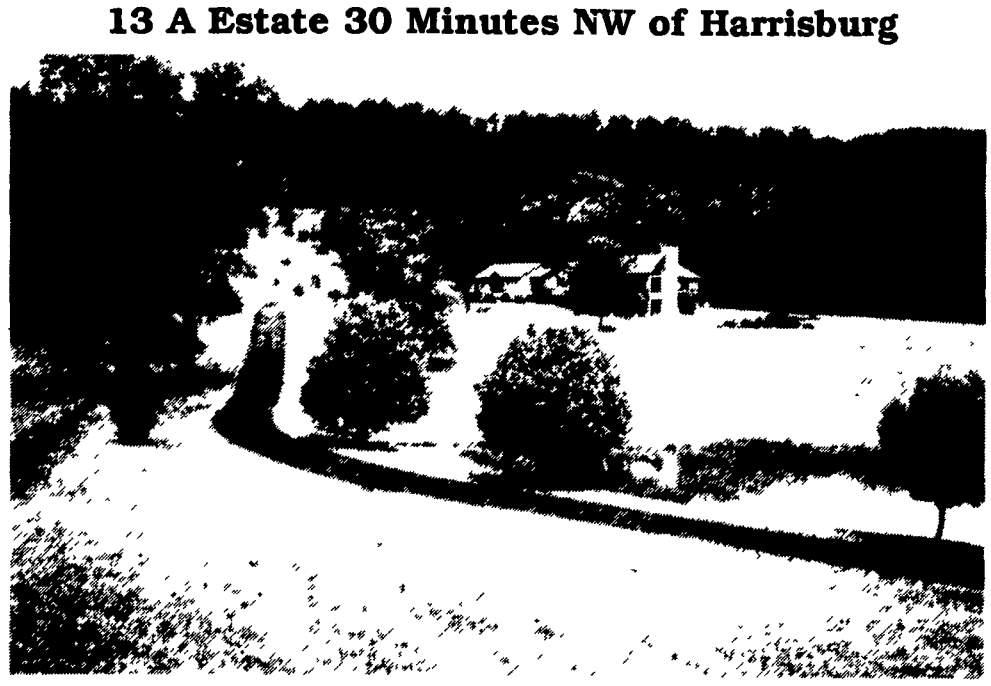
13 A Estate 30 Minutes NW of Harrisburg



Beautiful Mountain Stone Contemporary Rancher on 13A with 2A Pond stocked with bass & trout. Beautiful view to southeast. Exterior is maint. free of stone & cedar. 2 decks, Pella windows, interior is quality on quality Kitchen has cherry cab., Jenn-aire on island, all counter tops of Corian, ceramic floors. Dining Room, living rm., Cathedral ceiling with stained glass, stone fireplace, 4 bedrooms, 3 baths, all with Corian showers & sinks. Lower level rec room. with wood stove & wet bar, satellite dish & 2 car garage & many extras. 2900 sq. ft. living area, 3900 sq. ft. total. $369,000

Call 717-582-2352

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Large amount of excellent farm land available for lease in South Jersey area. Excellent for soybean, corn or wheat

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SANFORD G. LEAMAN, REALTOR

1000 N. Prince St.
Lancaster, Pennsylvania 17603-2736
(717) 393-2437 or 1 (800) 836-8113

LANCASTER COUNTY 45 or 60 acre farm in Manheim area with like new barn, old log house needing restoration plus a modular home, stream, woods, great horse or Amish farm Call Sanford Leaman for price and location

ADAMS COUNTY Littleton area, Amish farm, great for horses, 130 acres, priced under $400,000 2 homes, hog barn, dairy barn, a great buy! Call Sanford Leaman for details

LYCOMING COUNTY NEW LISTING This turn of the century home with large bank barn is ideal for your fine antiques or have a bed & breakfast unit in an area of peace and tranquility. The unique woodwork and room sizes make this one of the most spectacular properties I've ever listed. It is also ideal for just prestigious country living. Priced @ $275,000 00 with 10 acres m/l & pond.

NORTHUMBERLAND COUNTY 97 acres grain farm with house, barn, and implement shed with small pond This is a good place to establish a hog or most any special farm operation, however you could purchase the neighboring land of 268 acres and make a great family farming operation. CALL SANDY FOR ALL THE INFORMATION ON THIS ONE.

TIOGA COUNTY. NEW LISTING 204 acre DAIRY farm with 130 acres of good tillable farmland. 2 silos, 50 stall tie barn, inground swim. pool and much, much more. Be the first to see this one and BUY IT TODAY. It won't last long on todays market. Priced At: $235,000.00.

CHESTER COUNTY This 153 Acre Farm is Ideal for Horses but is presently a dairy farm with 50 stanchions and 50-60 loose housing stables, There are 2 living quarters, lot's of road frontage in an area of other large horse farms and close to race tracks. Approx. 6 miles East of Oxford but only 2 miles from Maryland. Call Sandy Leaman for confidential information

Call Sandy Leaman to List Your Farm. We Have Many Buyers Waiting For Just The Right Place and Yours May Fit The Bill.

So. Northumberland Co. & Surrounding Counties

5 acres, 3 bedroom home, extra large bank barn. Also large machine shed or horse barn. Possible Rent Option.

Fix Up Special
needs work, partial fire plus smoke damage. Large reduction in price. 8 acres, 3 bedroom home, pond, stream, rent option or no down. 47, 100 or 145 acres adjoins this property.

145 acres, no buildings, woods, farmland & streams. Can be divided. $1,100/acre. Owner Financing Available. Make offer.

300 steer feedlot, 3 Harvestores, 8 acres newly fenced. Owner financing $77,000 **Reduced $59,000.** Owner wants to sell - make offer.

100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings. No Down or Rent Option. $140,000.

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

18 acre wooded lot, road frontage $29,000. No Down.

20 to 100 acres, large home, barns, private Rent option possible.

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Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

Lancaster County Farms

- **120 Acres Dairy Farm** - Silos, milking and heifer facilities for 75 cows - manure storage, machine storage, 2 story stone house, 4 bedrooms, pond, 96 acres tillable. Excellent condition under $5800.00 per acre. Colerain Twp.
- **170 Acres Dairy Farm,** silo, room for 100 dairy cows, manure storage, 4-bedroom house, many extras, 150 tillable, under 6,000.00 per acre. Drumore Twp.
- **101 Acres Farm** - stone home, small barn, stream, fe SOLD bils, 73 tillable, nice setting, Fulton Twp.

Land

- **39 Acres Manheim Twp.** - zoned residential, great location, lots of potential.
- **40 Acres Colerain Twp.** - zoned residential, lovely setting, close to major roads, privacy.
- **12 Acre Horse Farm** - House, barn, silo, pond, pasture, many possibilities.

If you want a farm or have a farm to sell Call, we may be able to satisfy you.

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LANCASTER CO. - Witmer Area

New 4 BR, 2 story house and new 42x66 open span horse barn and shop area in 500 ft. lane. Owner financing.

NEW LISTING: CUMBERLAND COUNTY 2 FARMS - MOTHER & SON

Mother - 151 acres super nice modern 2 story 4 BR brick house - 54x120 modern equip. shed, bank barn w/obsolete dairy used for heifers. Nearly level land - grain bins.

Son - 152 acres 65 cow dairy - 40 comfort stalls, 25 free stalls. Very nice frame 5 BR house. Nearly level topography. 400 contiguous acres available.

Note: This location is ideal for a new confinement operation for poultry or hogs. Lower Mifflin Township - No Zoning.

BEDFORD COUNTY - MULTI-FAMILY FARM

178 Ac. Dairy with 145 T.A. Mostly sandy loam soil - stream. 3 silos w/TMR and auto. feeder thru 73 free stalls attached to older bank barn, 2 year old double-6 herringbone w/960 gallon tank milking 107 cows (also for sale - along with farm equip.) 3 dwellings - 5 BR, 4 BR, 1 BR all oil heat. 3 garages.

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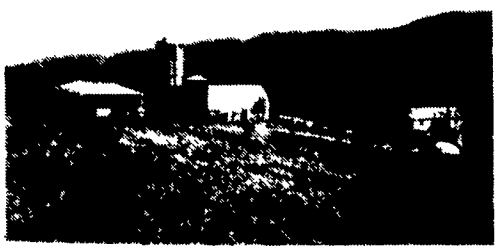
Mifflin Co. 151 Acre Dairy Farm, 34 stanchions w/new pipeline. 2 barns & 2 houses. Buildings in good shape.

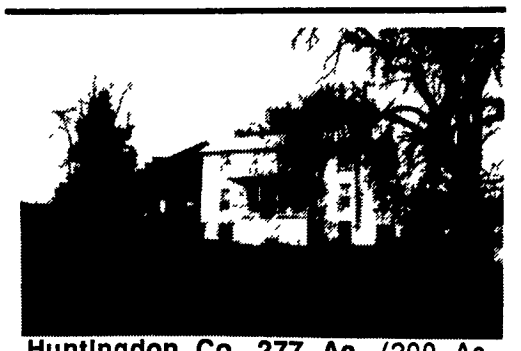
General Farms

Hog Operation. Farrow to finish, air operated equipment (no electricity). Nice house, outbuildings, 2 manure lagoons.

Huntingdon Co. 218 Ac.- Good Production Farm, 57 Stanchions with pipeline, 105 Free stalls + 3 silos. **Price Reduced**



Mifflin Co. 104 Ac - Good Production Farm, 35 Tie Stalls with pipeline, 34 Free Stalls, 3 silos. **Price Reduced.**



Huntingdon Co. 277 Ac. (200 Ac. Tillable-Good Land) 60 tie stalls with pipeline, 2 silos and 5 BR house. **Price Reduced.**

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Juni CONTRACT 2 acre dairy farm.
Huntingdon Co. 200 CONTRACT double 6 parlor.

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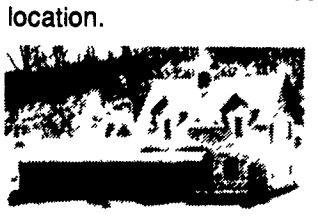
#495 - Creative business opportunity - Commercial location along Rte. 6 in Coudersport Boro. two story frame building with two units and 3 bay car wash, plenty of potential, great investment property for your business, excellent traffic pattern.

#465 - Golden opportunity - this unique turn key operation offers gravel and top soil pit business, prime location along Rte. 6 on 1 acres +/-, sale includes 2 buildings & some equipment.

#459 - Opportunity is knocking for you to own a Potter County business - this turn key operation offers gas, groceries, sporting goods & beer distributorship. Sale includes 2 buildings, one with living quarters attached, a real income producer.

#412 - For the large investor- 73 acre +/- Potter County farm. Victorian home, barns, pond, hard road & river frontage, immaculate condition.

#472 - Be nature's neighbor - enjoy the seasons from this lovely home/lodge on 3 acres +/-. 30x40 barn. TV dish w/controls, borders state forest & East Fork of the Sinnemahoning Creek, a gorgeous private mountain setting, a beautiful Southern Potter County location.



#475 - Gorgeous Mountain Setting - four bedroom home/lodge on 13 acres +/- in Hebron Township, attached two car garage, electric & wood heat, propane gas oven range, fireplace, sun deck, enjoy country living in this property.

#497 - Excellent hunting & fishing location - 4 bedroom cedar shingled home on 2 acres +/- in Keating Township. State forest close-by, priced in the fifties.

#471 - Touches State Forest - 4 bedroom home/lodge on 8 acres +/- in Portage Township, fuel oil & wood heat, asking $37,500.00.

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4 RIB

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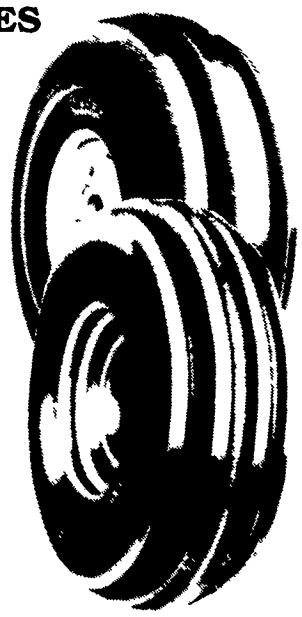

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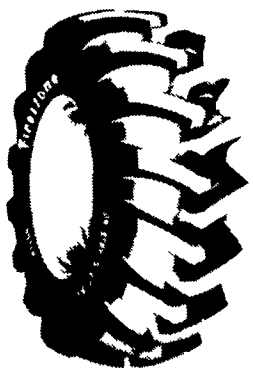

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18 4R26★ ★	$680.00
13 6R28★ ★ ★	$430.00
14.9R28★ ★ ★	$520.00
16 9R28★ ★	$590.00
14.9R30★ ★ ★	$620.00
16 9R30 ★ ★	$620.00

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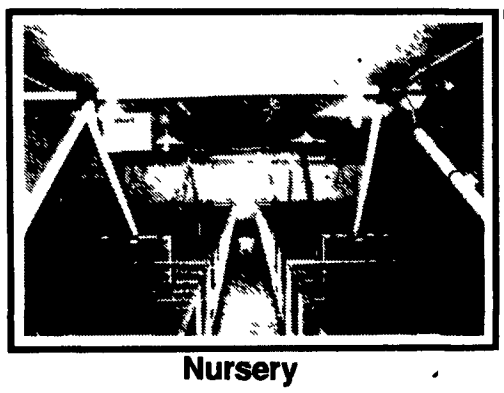
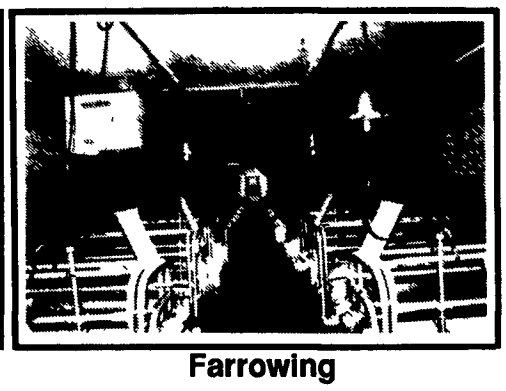
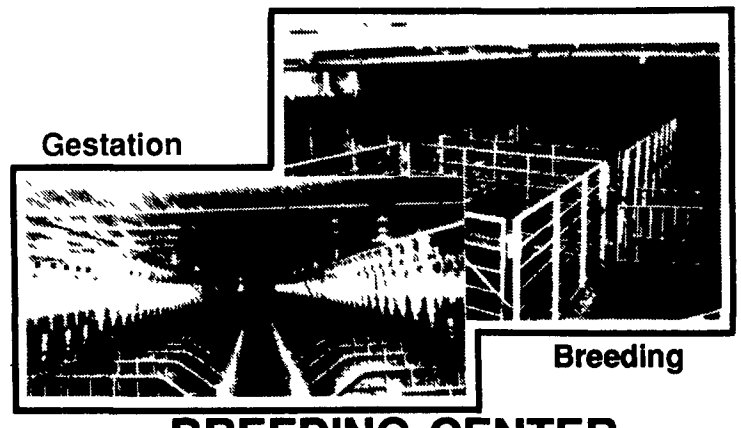


Nursery



Farrowing

PUNCHED CEILING INLET



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PRODUCING MEAT FOR TODAY'S CONSUMER

"Consumers want less fat!"

Nearly every recent agricultural and consumer publication features this message. Consumer surveys list fat as the number one concern for the past five years, with cholesterol a close second.

Not only do consumers want leaner meats, they also want them to be safe for consumption. Increasingly, questions in the media challenge production methods and the safety of meat products.

Recent food poisoning outbreaks in Washington and Nevada have focused attention on meat inspection methods. Many health care professionals are now recommending eliminating meat products from the diets of at least some of their patients.

Consumers also want meat that tastes good. With over half of all food expenditures spent outside the home kitchen, consumers expect those more expensive restaurant meals to taste even better than those cooked at home.

Therefore, restauranteurs insist on consistently high-quality meat products. Many believe that current grading systems fail to provide this consistency in quality. And when consumers do eat at home, they want quick meals.

With both partners in most homes now holding down full-time jobs, there is less time for meal preparation. Since these busy people know less than ever about cooking, they expect to have more food preparation already done for them or else have very clear, simple instructions on how to do it.

As if this isn't enough of a challenge for the industry, social issues also project livestock and meat in a negative light: environmental concerns are being directed toward livestock production practices, political pressure is beginning to mount to drastically change grazing laws for livestock in the western U.S., and animal rights groups are consistently attempting to educate school children on the evils of raising livestock and eating meat.

We've never been faced with so many challenges. It has never been more essential to provide sound, scientifically based educational programs for those making decisions about our food supply.

William R. Henning

Extension educational programs in meat science serve a variety of audiences: livestock producers (both youth and adult), meat processors, and finally those who communicate directly with the public, such as dieticians, home economists and family living agents. County extension personnel play a key roll in passing on accurate information to producers, processors, and consumers, based on research conducted in the Meats laboratory of Penn State's Department of Dairy and Animal Science and those at other universities.

Listed below are the types of programs Penn State conducts for each audience:

- Livestock producers — carcass evaluation, value based marketing, quality assurance.
- Meat processors and retailers — meat cutting and merchandising, low-fat meat processing, good manufacturing practices, use of by-products, nutrition labeling, and value-added products.
- Groups which educate consumers — programs such as A Change of Plate and Lessons on Meats (a series of lessons about selection, preparation, and storage of meats, as well as nutritional and labeling information).
- Direct consumer education — displays and demonstrations at events such as Ag Progress Days and the Pennsylvania Farm Show.

The Beef Quality Assurance Program is an extension program coordinated by county agents in cooperation with their local cattleman's association group to provide information to producers on eliminating problems associated with management practices such as vaccine and antibiotic administration. Our meat cutting and merchandising short course helps train retailers in conveying factual information to consumers about selection, storage, and preparation of meats. These also teach them how to package meats more conveniently and in the smaller portions consumers often look for.

Meat processing workshops, including production of low-fat products, have resulted in expanded product lines for many processors. We encourage them to develop at least one or two low-fat products for those customers who want them.

Sound research programs are essential to support any extension program. Research by dairy and animal science faculty is critical in providing up-to-date information to those who take the message to the industry and eventually to consumers.

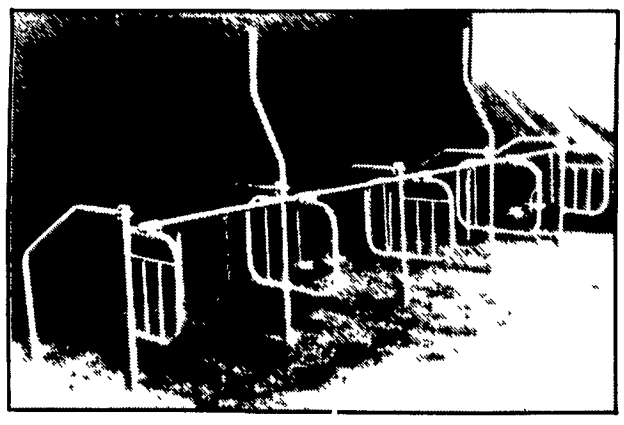
Assistant Professor Ed Mills has done considerable research with a variety of ingredients used to maintain the palatability aspects of low-fat meat products. He has conducted a great deal of work on producing low-fat hams and frankfurters. We have also worked with several types of low-fat ground beef patties as well as low fat sausages.

Other supporting research conducted by dairy and animal science faculty includes the development of regression equations for electronically measuring pork carcasses, improved feeding methods for Holstein steers, and the evaluation of electronic quality measurements of veal carcasses.

The target for producing meat for consumer needs and wants is ever changing. Attempting to educate consumers, processors, and producers about today's meat products is a challenge, but through the united effort of many professionals, the land grant system continues to serve the best interests of consumers, processors, and producers.

MILK AMERICA'S HEALTH KICK

Lapp Comfort Tie Stall



- The Lapp Comfort Tie Stall was designed for the cow's comfort and easy access to the water bowl.
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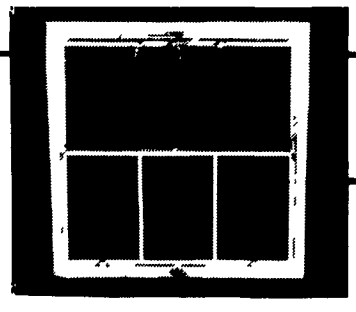
- Trough divider designed so that the cows do not steal the other cow's feed.
- Stall partition designed for easier milking.
- Water bowl location makes it easier for the cow to drink water.

Gutter Grate



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Ag Teachers Receive Honors

ANNVILLE (Lebanon Co.) — Mee Cee Baker, agriculture instructor at Greenwood High School; Robert Laufer, agriculture instructor at Garden Spot High School; Samuel Wagner, agriculture instructor at West Perry High School; and Mary Wagner, wife of Samuel Wagner, recently attended the National Vocational Teacher's Association (NVATA) Conference held in conjunction with the American Vocational Association (AVA) Convention in St. Louis, Mo.

Sam Wagner and Bob Lauffer, current and past presidents of the Pennsylvania Vocational Agriculture Teachers Association (PVATA), represented Pennsylvania as voting delegates. Mee Cee Baker was one of NVATA's candidates for regional vice president.

While at the conference, Baker, Lauffer, and Wagner attended sessions concerning current issues for agricultural education. Important topics debated were the reauthorization of the Carl Perkins Act, legislative initiatives, and curriculum updates. Wagner also served on the conference publicity committee.

Approximately 6,000 attended the convention, of which 400 were agriculture educators. The conference included a career show of new teaching materials and technical equipment. Mary Wagner participated in the guest program.

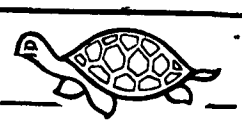
Mee Cee Baker was elected vice president of NVATA's Region VI. She will attend NVATA board meetings and help establish policy for NVATA as well as conducting Region VI business.

Sam Wagner will continue to work with the NVATA Publicity Committee. He will help NVATA publicize their activities during the coming year.

Wagner and Baker will attend the Region VI meeting at Woodstock, Vt., April 29-May 1. Other PVATA members will also attend.

Several area ag teachers were recently honored at the NVATA Conference. From left, Samuel R. Wagner, Mary Wagner, Mee Cee Baker, and Robert Lauffer.

DON'T BE SLOW



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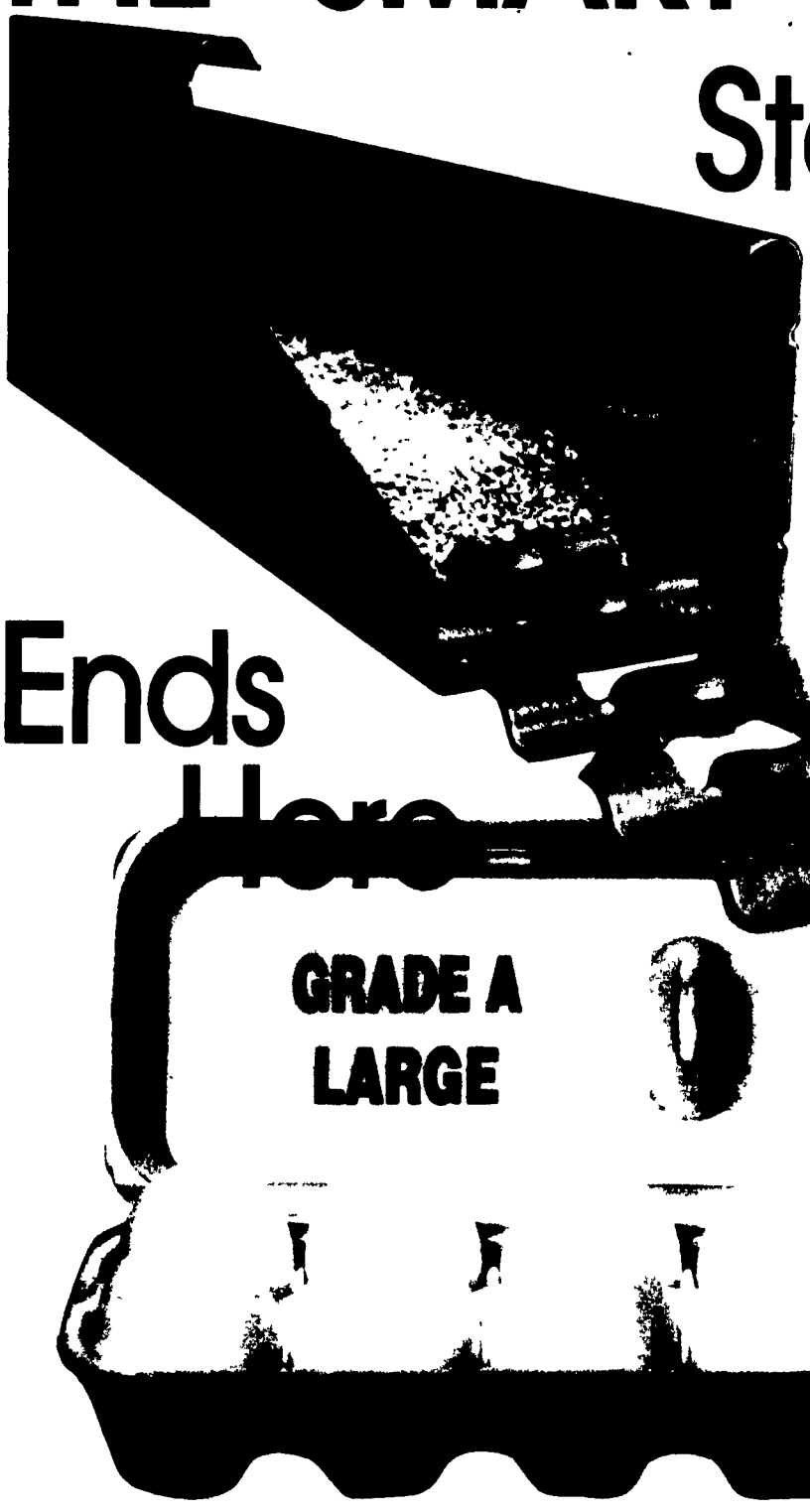

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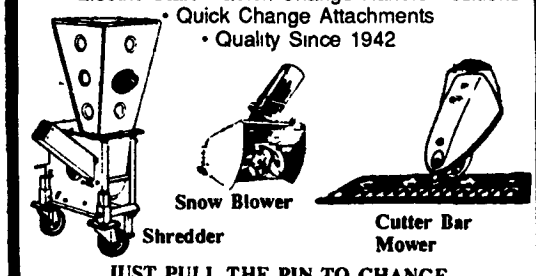

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Rollant® 46 Round Baler Has 6-Foot Pickup

COLUMBUS, Ind. — New 6-foot low-profile pickup on the Rollant® 46 fixed chamber round baler from Claas of America, Inc. permits a wider swath to be harvested in one pass, reducing time in the field.

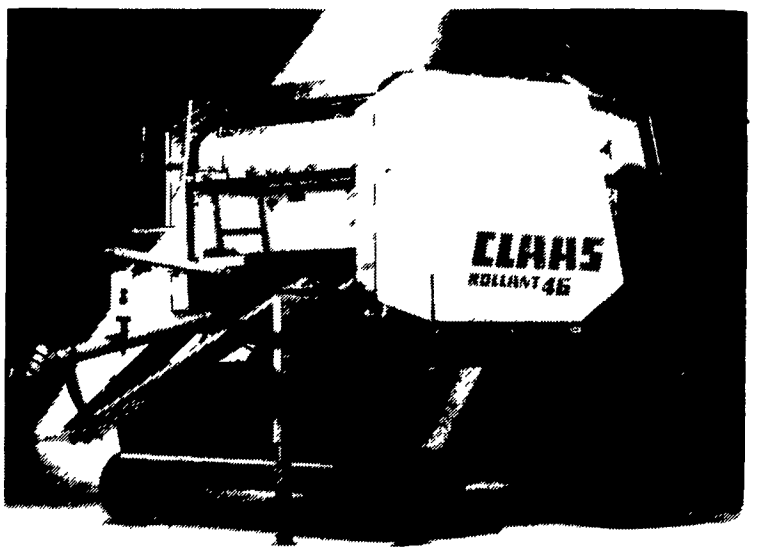
Equipped with closely arranged resilient spring steel tines and backed by an assister feed rake, the 6-foot pickup ensures clean pickup even in uneven swaths of hay and straw, brittle, and short crop.

Bales produced on the Claas ® Rollant 46 round baler are dense, high nutrient, weather-resistant, and resist spoilage. The 4-foot x 4-foot bales stand up in the field and hold their shape during storage and transport.

Steel roller bale chamber with spirally positioned rollers provides the precise compression and positive bale rotation needed to form the dense exterior/firm center bales. Standard equipment also includes a bale ramp which allows operator to dump the bale without backing up.

The Rollant 46 is available with double twine wrapping, Rollatex net wrapping, or a combination of the two. Double twine wrapping requires about 20 seconds, and net wrapping about 10 seconds. Twine wrapping provides 14, 17, 19, or 22 wraps to adapt to hay, straw, or silage. The net has five wrapping settings.

For more information, contact Claas of America, Inc., 3030 Norcross Drive, Columbus, IN 47202, (800) 368-1516.



New 6-foot low-profile pickup on the Rollant 46 fixed chamber Round Baler from Claas of America permits a wider swath to be harvested in one pass and ensures clean pickup even in uneven swaths of hay and straw, brittle, and short crop.

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Experimental Corn Herbicide Performs Well In Trials

WHITE PLAINS, N.Y. — After a year of commercial-scale testing, Surpass EC, an experimental corn herbicide from ICI Agricultural Products, is reported to provide over 90 percent control of annual grasses and small-seeded broadleaf weeds in a variety of weather and tillage conditions.

Combining the active ingredient in Surpass (acetochlor) with a proven corn safener (dichlormid) also gives the product a wide margin of crop tolerance, according to the company.

More than 100 farmers in nine Corn Belt states used Surpass under an experimental use permit (EUP) last year. ICI has requested an expansion of the EUP to 27 states for 1993, and is aiming to have the product registered for commercial use for the 1994 season.

The farmer trials confirmed years of ICI and university testing, according to Dr. Dirk Drost, technical product manager at ICI. University researchers give acetochlor high marks for control of grasses and small-seeded broadleaves, and consistency over a wide range of conditions.

Effective in wet or dry weather

Mike Owen, Iowa State University weed specialist, said he's looked at Surpass over the last five to six years in a wide variety of weather conditions.

"We've had dry years, wet years and a combination of the two," Owen said. "Whether it was applied preemergence or incorporated, acetochlor provided consistent performance."

According to Drost, Surpass needs only about one-fourth inch of rain to activate surface applications. "It held up well under dry and wet conditions in our on-farm trials in 1992," he said.

"Surpass shows excellent crop tolerance and broad spectrum weed control in preemergence or shallow incorporated applications," said Bill Lueschen, researcher at the University of Minnesota. "Especially when applied preemergence, it has excellent activity on foxtails, wild proso millet, and woolly cupgrass."

Don Null, a University of Missouri researcher, has tested Surpass for four years on conventional and no-till corn. In his 1992 trials, Surpass and atrazine provided 97 to 99 percent control of giant foxtail at four and six weeks after planting.

"It's a very active preemergent grass herbicide with activity on broadleaves. It covers a broad spectrum," he said.

Wide margin of crop tolerance

In testing for crop tolerance, Null has used up to four times the labeled rate of Surpass on corn. "We have never seen any crop damage," he said.

B.J. Gossett, agronomist at Clemson University, said that in addition to controlling crabgrass and goosegrass, Surpass also does a good job on the pigweed complexes.

"Control of lambsquarters and pigweed with Surpass will be very good," said Henry Wilson, researcher with the Eastern Shore Agricultural Experiment Station in Painter, Va. "It may not be complete but it will be a big help to whatever broadleaf herbicide the farmer uses as a companion to Surpass."

Said ICI's Drost: "Where atrazine is under strict management guidelines or resistance has developed, Surpass can give growers more flexibility in their broadleaf weed control program and give excellent annual grass control."

Surpass can be applied preemergence or lightly incorporated into the soil, making it suitable for no-till, reduced-till, or conventional-till corn. It can be applied with water, or dry or liquid fertilizer. Use rates are 1 to 3 pints per acre depending on soil texture and organic matter. EUP tests included tank-mixes with atrazine, Bladex, Extrazine, and Gramoxone Extra herbicides.

In the 1993 EUP trials, ICI will continue to fine-tune recommendations under on-farm conditions, according to Drost.

Four-State Crop Production Teleconference Set

COLLEGE PARK, Md. — Livestock and grain farmers from Pennsylvania, Maryland, Virginia, and West Virginia are invited to gather at Frederick, Md., on Feb. 15 to participate in daytime crop production seminars made possible through satellite and cable television.

Both programs will be held at the Holiday Inn south of Frederick, near the intersection of Highway 85 and Interstate 270. They will run from 9:30 a.m. to 3 p.m.

Sponsoring organizations include the Cooperative Extension System in Maryland and Pennsylvania, with technical assistance from Frederick Cablevision, Inc.

The morning session on Feb. 9 covered all aspects of forage production from seedbed preparation through management practices that ensure high yields and top quality feed. The afternoon program was devoted to pest management for forage crops, including weed, insect, and disease control.

Efficient production and marketing of corn and soybeans will comprise the morning session on Feb. 15. Weed, disease and insect control will be on tap for the afternoon.

Two hours of each day's program are sponsored by Penn State's College of Agricultural Sciences. These segments will feature Penn State Extension specialists appearing live via satellite television. Viewers will be able to ask questions by calling a toll-free 800 telephone number.

The roster of participating Maryland Extension specialists includes Lester R. Vough, forage crops; James R. Russell, grain marketing; and Galen P. Dively and Betty H. Marose, pest management. Terry E. Poole, agricultural extension agent in Frederick County, also will provide instruction.

A $5 registration fee will include morning coffee and selected educational materials. Noon lunch is available on your own at the Holiday Inn buffet table or in nearby fastfood restaurants.

Application has been made to the Maryland Department of Agriculture for private pesticide applicators to receive recertification credits.

Persons not wishing to participate in the two-way teleconference at Frederick may view the Penn State portion on Cable Channel 10 in both Frederick County, Md., and Jefferson County, W. Va. Viewing times are 10 to 11 a.m. and 1:30 to 2:30 p.m. on both Feb. 9 and 15.

In addition, arrangements are being made to downlink the teleconference at Jefferson County's Cooperative Extension Service office in Kearneysville, W. Va. The Extension office in Loudoun County, Va., also is making downlink plans.

"This teleconference is an example of the Cooperative Extension System sharing resources across state lines in a time of economic retrenchment.

"Much more of this kind of cooperation is likely in the future, as modern technology helps to develop the concept of distance education," said Craig S. Oliver, director of the cooperative extension service in Maryland.

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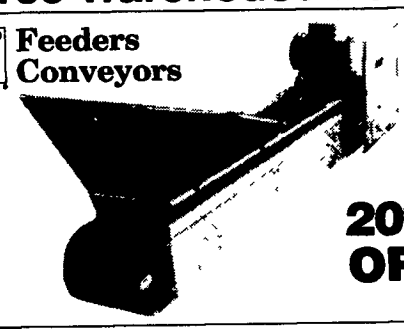
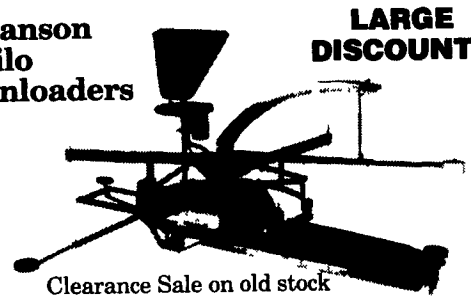


20% OFF

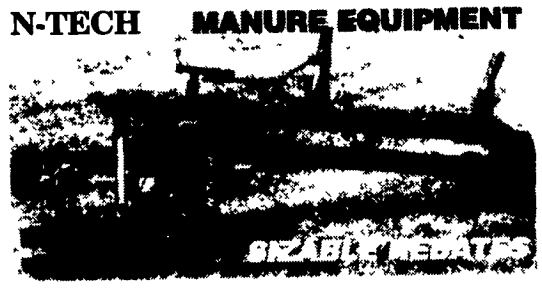
Hanson Silo Unloaders

LARGE DISCOUNTS

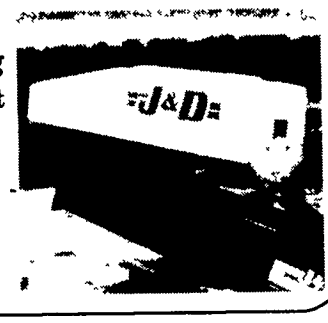


Clearance Sale on old stock

N-TECH MANURE EQUIPMENT



J&D Manufacturing Barn Equipment



10% OFF

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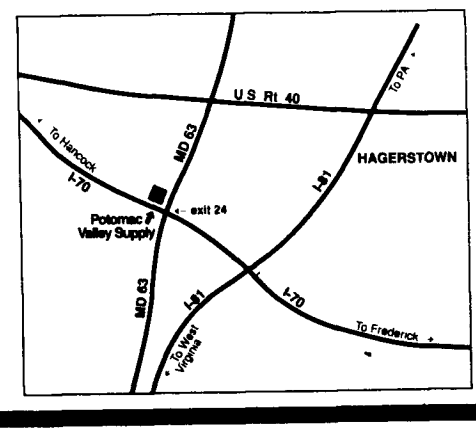

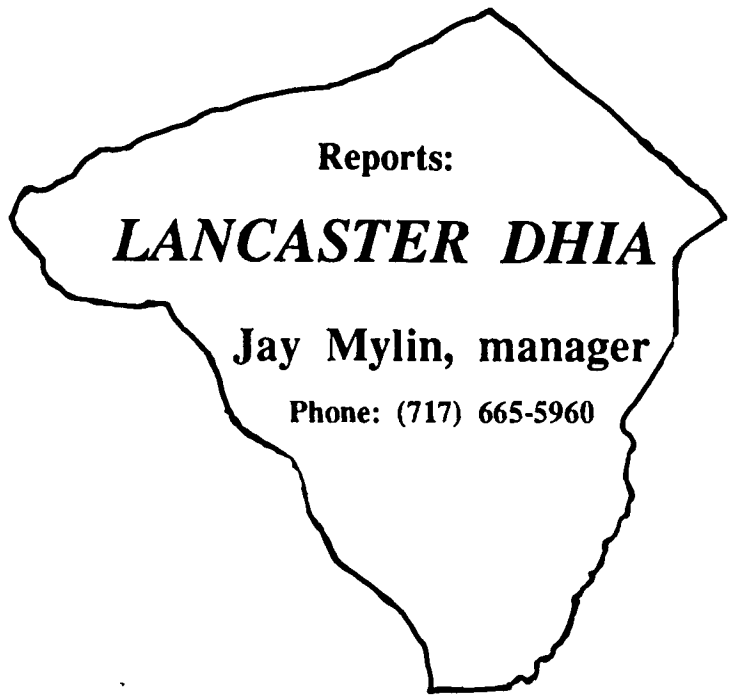

The cows that finished protein records of 770 or more pounds in January in Lancaster DHIA are listed as follows:

OWNER - COW'S NAME	BREED	AGE	DAYS	MILK	% PROT	PRO-TEIN	% FAT	FAT
ROBERT L & LINDA SENSENIG								
65	RH	4-11	305	33,325	3.1	1019	3.7	1225
JOHN E COLEMAN JR								
ROSITA	RH	5-9	305	29,440	3.3	984	3.4	1004
KITTY1	RH	8-4	282	23,965	3.3	791	3.6	874
RUNNING SPRINGS FARM								
PETUNI	RH	7-0	305	30,750	3.1	964	3.6	1119
DARYL + SAN MARTIN								
357	GR-H	4-1	305	27,765	3.4	943	3.9	1079
JOHN H HOWARD								
ROXANN	RH	5-3	305	32,481	2.9	935	3.5	1141
GARY L STOLTZFUS								
18	GR-H	5-4	305	29,501	3.2	931	3.0	896
120	GR-H	9-6	305	26,198	3.0	776	3.3	862
WALNUT RUN FARM								
843	RH	3-11	285	29,771	3.1	929	2.9	876
575	RH	7-2	305	29,531	3.0	890	3.8	1123
931	RH	3-2	305	33,756	2.5	852	2.6	894
708	GR-H	5-6	305	27,085	3.1	838	3.8	1039
914	RH	3-1	296	27,132	3.1	833	3.3	896
22	GR-H	1-11	305	28,947	2.8	808	3.4	990
745	GR-H	5-2	298	28,254	2.8	797	3.1	872
ROBERT KAUFFMAN JR								
KRISSY	RH	3-8	305	30,097	3.1	924	3.4	1036
HALEY	RH	4-1	305	26,395	3.3	880	4.1	1070
JONEDA	RH	6-5	305	26,524	3.1	826	3.7	980
JANIS	RH	2-1	305	22,749	3.4	780	4.0	921
CLIFFORD&JOYCE BLANK								
LUANN	RH	5-9	305	29,268	3.2	923	3.4	992
WARREN Z GOOD								
STEFFI	RH	6-10	303	26,460	3.5	922	4.0	1065
RACER	RH	4-1	305	28,093	3.1	876	3.4	956
DAWN	RH	3-4	305	24,685	3.4	832	3.9	951
MELVIN ZOOK								
295	RH	3-2	305	27,615	3.3	920	3.5	959
264	GR-H	5-1	305	26,898	3.2	863	3.5	951
EDWIN J LANDIS								
MAUDE	GR-H	4-3	305	28,077	3.3	918	3.5	977
VALERI	GR-H	2-3	305	22,939	3.7	844	4.2	967

(Turn to Page D7)

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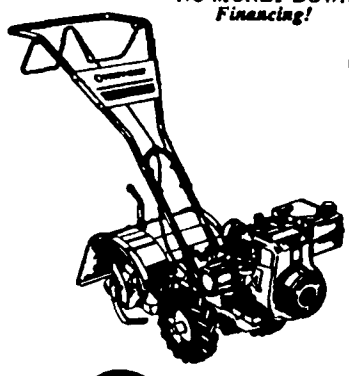

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- **Quality features.** The 4600 Series tractors feature hydrostatic power steering and premium Goodyear" radial tires. They also feature a rear axle differential lock and mechanically-actuated wet disc brakes.

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LANCASTER DHIA (Continued from Page D6)

EARL ANNA MAE REIFF								
FLICKE	GR-H	3-0	305	28,305	3.2	914	3.4	971
KAT LIN								
73	RH	6-4	305	27,507	3.3	907	3.6	991
584	GR-H	4-3	305	25,003	3.1	776	2.9	716
116	GR-H	3-3	300	23,860	3.2	775	4.0	944
MERVIN S STOLTZFUS								
10	GR-H	8-6	305	29,687	3.0	901	3.1	926
BABE	GR-H	4-7	305	26,710	3.2	864	2.4	631
37	GR-H	6-8	305	27,339	2.8	777	3.3	900
KENNETH E ZURIN								
889	RH	5-2	305	29,493	3.0	891	3.5	1028
911	RH	5-0	305	28,049	3.0	842	3.3	917
895	RH	5-1	305	28,728	2.9	831	2.9	846
838	GR-H	5-6	305	27,239	2.9	795	3.0	822
482	RH	3-2	305	26,647	3.0	791	2.8	749
WELK SHADE HOLSTEINS								
NUTTY	RH	9-2	305	26,753	3.3	886	3.5	943
RILLA	GR-H	5-1	305	27,977	2.9	820	3.3	933
JONAS O SENSENIG								
58	GR-H	5-7	305	27,797	3.2	883	4.0	1102
72	GR-H	5-2	305	26,019	3.0	789	3.7	959
WILMER W NOLT								
115	GR-H	5-4	305	28,308	3.1	877	3.8	1068
51	GR-H	6-4	305	26,958	2.9	780	3.4	916
KENNETH R ZIMMERMAN								
40	RH	3-1	305	27,118	3.2	877	3.2	873
72	RH	3-4	305	25,539	3.2	819	3.4	880
MELVIN L SHERTZER								
EVIE	RH	4-11	305	30,061	2.9	876	3.2	974
NICOLE	RH	4-6	305	25,946	3.1	800	3.6	925
BRANDYVALE FARM								
JESSIC	RH	7-4	303	25,245	3.5	875	4.2	1050
NORA	GR-H	3-6	305	27,057	3.0	800	3.1	840
BOB+KAREN GOCHENAUR								
37	RH	2-1	305	26,822	3.3	873	2.4	644
124	RH	3-2	293	25,517	3.1	795	3.1	798
WELSH HILL FARMS								
101	RH	2-2	305	24,609	3.5	870	3.6	893
DAVID W SWEIGART								
88	GR-H	4-0	296	26,956	3.2	861	3.4	912
NEVIN S HORNING								
FERN	GR-H	6-2	305	28,880	3.0	861	3.6	1029
DACRON	GR-H	3-3	305	29,390	2.9	840	3.5	1035
JOLENE	GR-H	5-2	305	27,095	3.1	827	2.9	783
DALE R HERSHEY								
HILDA	RH	3-2	295	26,489	3.2	856	3.7	989
DONALD B TRIMBLE								
NARCIU		3-7	305	22,056	3.9	855	4.6	1004
NUZZLE		8-11	305	22,319	3.7	835	4.3	965
VERNON R UMBLE + SON								
LAKE	RH	3-1	305	31,057	2.7	854	3.1	948
LIZ	RH	5-2	305	26,019	3.1	815	3.3	851
DENISE	RH	3-0	305	24,279	3.3	799	3.6	881
SUNDAE	RH	3-2	305	25,751	3.1	788	3.8	971
LADY	RH	3-5	305	25,495	3.0	773	3.3	839
THONYWOOD HOLSTEINS								
DORIE	RH	6-9	305	28,505	3.0	850	3.5	1005
ELMER M HIGH								
47	RH	5-4	305	30,877	2.8	850	3.4	1046
49	RH	5-9	305	25,736	3.1	806	3.9	1005
13	RH	3-1	305	23,168	3.3	776	3.1	727
MEADOW VISTA FARM								
923	RH	3-11	305	29,922	2.8	850	3.7	1121
996	RH	2-11	305	26,341	3.1	828	3.7	964
990	RH	3-1	305	27,748	3.0	825	3.5	985
HOMER G HESS								
KELLY	RH	7-6	305	26,414	3.2	848	3.8	1010
COOKIE	RH	3-0	305	27,329	3.0	807	3.1	849
BEBE	GR-H	4-11	305	27,631	2.9	789	3.4	951
THOMAS C LAPP								
LOIS	RH	3-2	305	26,470	3.2	846	3.9	1044
FAITH	RH	3-3	305	24,145	3.4	812	4.2	1018
ALFRED M WANNER JR								
CORRIN	RH	3-11	305	25,737	3.3	846	3.6	933
TWIN OAK FARMS								
153	GR-H	3-1	305	27,825	3.0	844	2.7	756
518	GR-H	5-5	305	26,044	3.1	809	3.5	902
143	GR-H	3-3	305	25,280	3.1	795	3.0	758
151	GR-H	3-1	305	24,239	3.2	781	3.4	817
JEFFREY L AUNGST								
MOLLY	GR-H	4-1	305	26,257	3.2	841	4.5	1173
ROBERT D HARNISH								
BETTY	GR-H	3-5	305	25,978	3.2	838	3.1	800
145	GR-H	5-9	305	23,244	3.4	791	3.8	882
LESTER C STOLTZFUS								
KITTY	GR-H	4-7	305	28,675	2.9	837	2.6	739
DENA	GR-H	5-10	305	27,510	2.8	777	2.6	726
WEA-LAND FARM								
SISSY	RH	3-1	305	25,761	3.2	836	3.5	896
JEWEL	RH	5-5	305	25,643	3.1	806	3.5	896
CINDY	RH	3-3	305	24,341	3.3	801	3.1	747
CURTIS E AKERS								
JOANNE	RH	5-1	305	28,324	2.9	835	3.5	1003
TAFFY	RH	3-3	305	26,459	3.0	785	3.7	972
HATTIE	RH	4-4	305	23,520	3.3	773	4.1	965
PAULET	RH	4-0	300	26,278	2.9	770	3.9	1024
KEN + LISA WIKER								
ELAINE	GR-H	3-0	305	27,077	3.1	835	3.9	1060

(Turn to Page D8)

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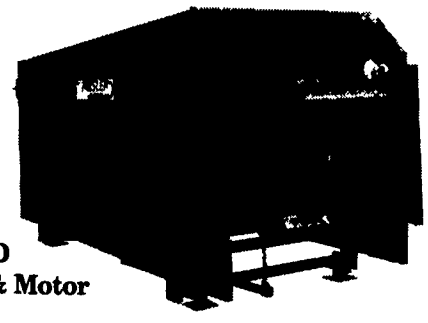

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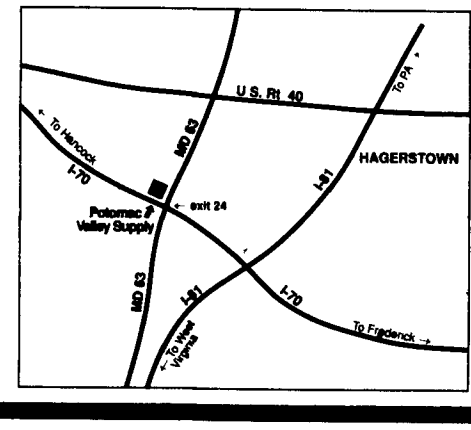

LANCASTER DHIA

(Continued from Page D7)

PRINCE	GR-H	4-1	292	24,595	3.4	832	4.2	1026
DANCER	GR-H	4-3	305	27,559	2.9	806	3.3	920
MANDY	GR-H	6-6	305	26,265	3.0	797	3.6	933
DELTA	RH	3-9	305	24,293	3.2	774	4.6	1106
MISTY	GR-H	3-9	305	26,466	2.9	774	3.5	932
HARVEY W STOLTZFUS								
MONA	RH	5-7	305	26,309	3.2	833	4.4	1149
CLAIR M HOLLINGER								
94	GR-H	7-11	305	26,022	3.2	833	3.6	941
TOM ZARTMAN								
75	GR-H	3-7	305	22,462	3.7	832	3.7	829
ELVIN L KURTZ								
CELEST	RH	8-4	305	29,299	2.8	832	3.1	899
CARMEL	RH	4-1	305	24,615	3.2	795	3.9	962
FULTONWAY FARM INC								
JUDY 2	RH	5-4	305	26,699	3.1	831	3.9	1054
SKY VIEW FARM								
38	GR-H	3-11	294	25,474	3.3	830	3.2	808
DEAN L GROFF								
102	GR-H	4-11	287	27,198	3.0	828	3.8	1022
96	GR-H	5-8	305	24,647	3.2	793	3.6	876
SHELMAR ACRES								
WILMA6	RH	6-5	305	26,244	3.2	827	3.6	947
MARGE2	RH	5-7	305	27,145	2.9	791	3.6	984
NATE+TRISH STOLTZFUS								
LETITI	RH	4-5	305	24,879	3.3	827	3.8	938
NELSON H WENGER								
PENNY	RH	4-4	305	25,365	3.3	826	3.7	930
DENNIS L MARTIN								
GINGER	RH	6-10	305	26,081	3.1	816	3.9	1013
JOHN K PETERS + SON								
MARILY	RH	4-1	305	25,944	3.1	813	4.0	1030
JAMES M HERTZLER								
C69	GR-H	2-11	305	23,987	3.4	813	3.9	936
J308	GR-H	3-4	303	23,421	3.3	770	3.4	800
DENNIS E TICE								
JESSIE	RH	3-3	305	25,916	3.1	813	3.2	829
VERNON N MARTIN								
FLO	RH	3-1	305	26,823	3.0	812	3.4	925
CLAIR M OBERHOLTZER								
FUSCHI	GR-H	7-4	305	26,166	3.1	810	3.7	976
CREDIT	RH	6-9	305	26,720	2.9	777	3.4	905
ABRAHAM SHELLY JR								
ARROW	RH	5-3	305	25,457	3.2	810	3.8	958
WILMER R MARTIN								
ARTIS	RH	9-3	305	27,318	3.0	809	3.5	953
SIX CORNER FARM								
REBA	RH	6-3	305	27,800	2.9	809	3.5	970
JULIE	RH	3-1	305	25,280	3.1	795	3.3	844
ROY E SENSENING								
187	RH	4-5	305	28,219	2.9	808	3.3	939
CALVIN L ZIMMERMAN								
THELMA	GR-H	4-11	256	27,029	3.0	805	3.1	847
LAPP VALLEY FARM								
CLSBET	RH	3-4	305	25,269	3.2	803	3.9	997
TARDY	RH	5-6	305	25,130	3.2	801	3.8	943
HAROLD + TOM WENTZEL								
38	GR-H	4-11	305	24,258	3.3	802	3.8	932
BURK-DELL FARM								
243	GR-H	4-6	305	24,177	3.3	801	3.9	954
BENUEL E BLANK JR								
SANDY	GR-H	6-6	305	24,382	3.3	800	3.9	941
ELAM M BEILER								
VIOLA	GR-H	6-4	286	27,675	2.9	798	2.8	763
DANIEL M STOLTZFUS								
ESTHER	RH	6-2	305	25,599	3.1	796	3.9	996
RUTH	GR-H	3-2	305	25,555	3.1	788	3.8	980
CHITA	RH	9-2	282	25,891	3.0	780	3.3	847
MERRILL E NOLT								
20	GR-H	6-3	305	24,863	3.2	794	4.0	992
RED KNOB FARM								
848	GR-H	5-5	305	24,678	3.2	791	3.6	891
PAUL S SAUDER								
MAY210	RH	6-7	305	27,373	2.9	790	3.4	918
TIMOTHY KURTZ								
59	GR-H	7-9	305	26,303	3.0	790	3.5	913
PARKE H RANCK JR								
JUDY	RH	6-1	305	26,196	3.0	789	3.4	879
RALPH PETERSHEIM								
BLACBE	RH	3-2	305	23,860	3.3	787	3.8	898

(Turn to Page D9)

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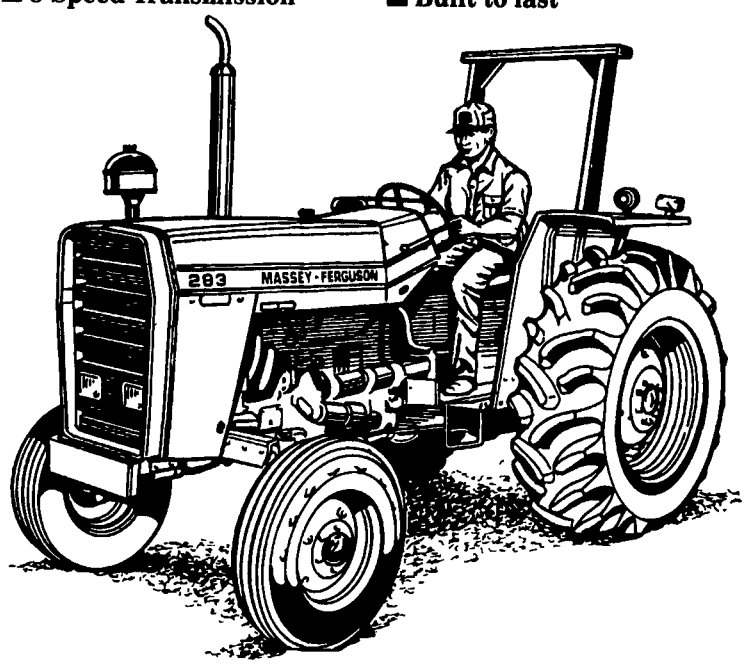

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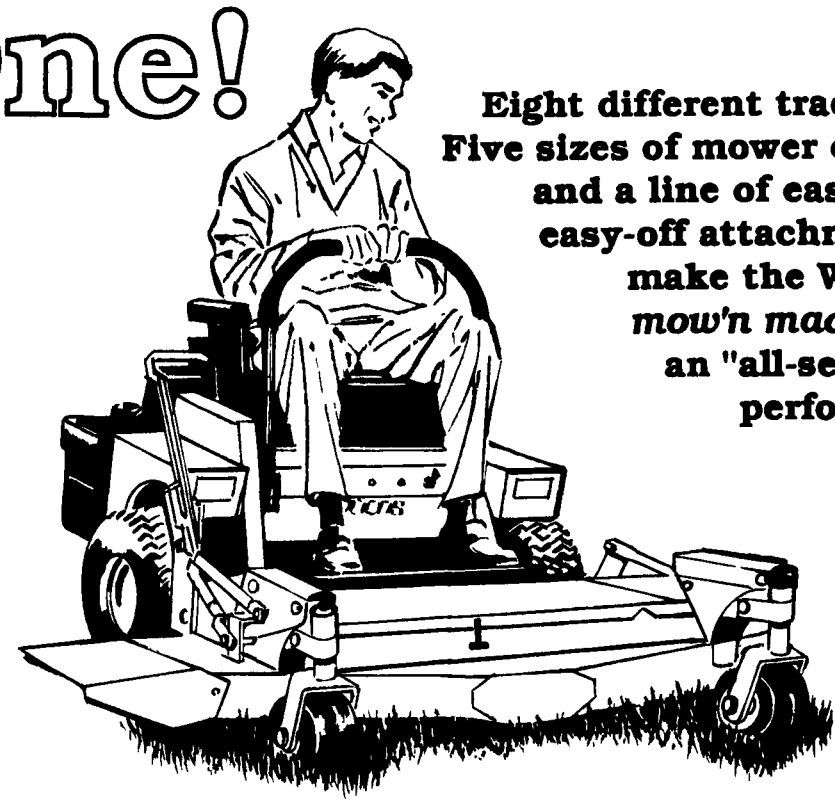

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Fertilizer Institute Joins Groups In Water Guidelines

WASHINGTON, D.C.—The Fertilizer Institute has joined 21 farm and agribusiness associations in a consensus Statement of Principles to be used as guidance for Congress in addressing agricultural nonpoint source pollution in the Clean Water Act debate.

The statement will be forwarded to Members of Congress and legislative staff involved in the reauthorized of the Clean Water Act (CWA).

The principles call for:

• Coordination of Clean Water Act programs with water quality programs in other federal, state, and local laws.

• Recognition that nonpoint source pollution problems vary with local, site-specific conditions, and a call for the current Section 319 program to be strengthened with better management and funding to allow for local solutions to be implemented.

• CWA resources must be targeted to priority areas where water bodies are threatened or impaired and based on reliable, scientific data. Educational and technical assistance must be made available to farmers through state and local agencies.

"This Statement of Principles represents agriculture's commitment to be part of the solution to our nonpoint source pollution problems," said TFI President Gary D. Myers. "The history of agriculture is that farmers and their input advisers have changed practices and reduced pollution as our knowledge base grew and expanded. The best way for the government to make farmers change practices is to provide the technical assistance and cost share incentives to further encourage farmer cooperation and participation in water quality programs.

"Agrichemical retail dealers form the largest information delivery system to farmers. Our commitment is to continue to help farmers profitably feed people and protect and conserve our natural resources. We want the new Clean Water Act to help us achieve that goal," he said.

Rabbit Breeders Association Sets Convention

LEBANON (Lebanon Co.) — The Pennsylvania State Rabbit Breeders Association is having their first convention and exhibition on Saturday, February 20 at the Lebanon County Fairgrounds.

The new exhibition hall will be the site of an American Rabbit Breeders Association sanctioned open and youth show for rabbits and cavies. Approximately 45 breeds of rabbits and 12 breeds of cavies are expected at this carrying cage show.

Twenty displays of rabbitry equipment, feed companies and arts and craft vendors are confirmed. The Quality Inn will host overnight accommodations, plus a banquet Saturday evening, featuring ARBA President Cindy Wickizer and Boyd Wolff, secretary of the Pennsylvania Department of Agriculture.

Twelve judges will officiate in the showroom awarding numerous rosettes, plaques and ribbons. For further information or for exhibiting animals, please contact the show secretary, Betty Lutz. 327 Washington Ave., Spring City, PA 19475, (215) 948-5313

This event is open to the genera public for $1 adult admission anc all children are free. The shov lasts from 9 a.m. to 4 p.m.

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(Continued from Page D8)

MELVIN R EBY WIND	RH	4-9	305	24,367	3.2	786	3.5	855
DOUGLAS L HAWTHORNE 148	GR-H	3-4	305	25,311	3.1	781	4.2	1054
LEONARD H MARTIN PET	GR-H	6-6	305	25,040	3.1	780	3.7	926
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WELSH VUE FARM SPRINK	RH	4-0	305	24,470	3.2	776	3.4	825
MARVIN J ZOOK DARLA	RH	7-4	305	25,671	3.0	774	3.7	949
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JOSEPH C WIVELL ALI	RH	3-5	305	23,849	3.2	773	3.2	775
DONALD R BARE 2	RH	6-10	305	24,246	3.2	772	3.5	855
AMOS K KING JR HARMON	RH	4-11	305	27,541	2.8	772	3.6	989
BENNIE L FISHER JOYCE	GR-H	3-7	305	25,132	3.1	771	3.4	843
JOHN S ZIMMERMAN 22	RH	5-2	305	25,634	3.0	771	3.7	944

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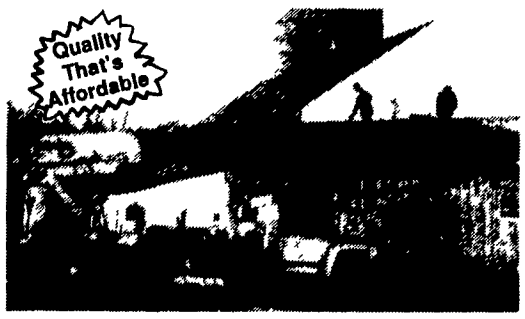

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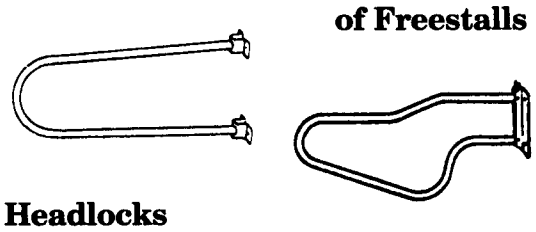
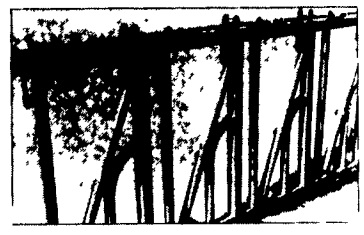
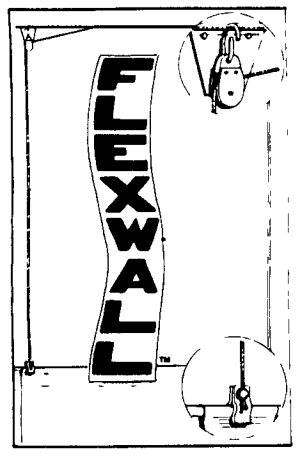


Headlocks





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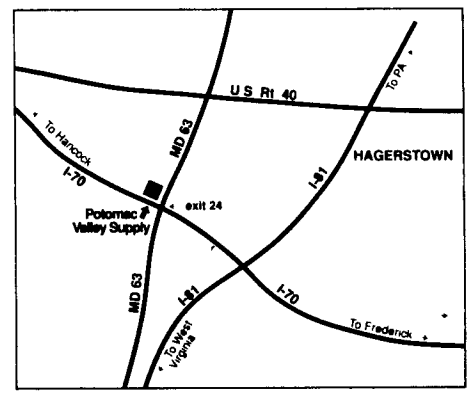

Carrier Has Two 4-, 5-, 6-Wheel Rakes

GIBSON CITY, Ill. — M&W Gear Company announces the addition of a new wheel rake carrier to the M&W Hay Products Line.

The RC456 Wheel Rake Carrier carries two 4-, 5-, or 6-wheel rakes to be used as a "V" rake. A single hydraulic cylinder extends and retracts the wings to which the rakes attach.

As the wings move, they are rotated to raise or lower the rakes. A low center of gravity and transport height are two big advantages of this design.

Standard equipment includes a tongue jack, hydraulic cylinder and hoses, and removable spindles. Available options include a tongue extension kit and hydraulic lift center wheel.

For more information, contact M&W Gear Company, 1020 South Sangamon Avenue, Gibson City, IL 60936.

Erie Ag Day Feb. 17

ERIE (Erie Co.) — The Erie County Ag Day will be held February 17 at the Edinboro Fire Hall and Social Hall, and also at the Edinboro City Hall.

Educational programs will be conducted from 10 a.m. to 2:30 p.m. at both facilities, with more than 25 agricultural dealer displays in the Fire Department Social Hall open at 9:30 a.m.

Featured speakers are John Diebel, manager of the Western New York Crop Management Association on forage production and Terry Semmel, director of the Purdue Crop Diagnostic Training and Research Center on soybean growth and development.

Two Category 01-Field Crop update pesticide credits can be received by attending a talk on changes in the atrazine label, given by Norman Conrad, multi-county extension agent, Union County, in the Edinboro Fire Hall Ambulance Bay, beginning at 10 a.m.

Other speakers will include Dr. Jayson Harper on buying or renting land or machinery and Dr. John Commerford on feeding holstein steers for profit.

Lunch may be purchased at the snack bar in the Fire Department Social Hall. No reservations are necessary. For more information, call Kevin Ganoe, Erie County Extension Office, (814) 825-0900.

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145 HP Deutz Allis Tractor #7145, full cab, used 1500 hrs ; 85 HP Deutz Allis Tractor #7085, full cab and bucket, used 1500 hrs ; Deutz Allis Corn Planter, 6R, no-till, series I Miller harrows. For information on the above, call Don 413-243-0730. Will dicker

15' Woods 1540 bat-wing rotary chopper also Lundell hay cuber (717)275-3088.

1755 Oliver WF, excellent condition, $5900, Taneytown Farm & Hardware, 410/751-1500

1941 Ford 9N tractor, undergoing restoration, partially disassembled, perfect sheet metal, new tires & wheels, $1900 908/362-6916 8 30-7pm, 908/362-5456 7-10pm

1972 JD 4620 tractor, 4646 hrs , dual wheels, 1000 RPM PTO Field ready $10,500. Evenings, (410)836-2398

1977 MF 750, hydro, oil, 800 hrs., sheded, owner quit farming, $17,000 Finance Larry Stalter the "Combine Man" 1-800-248-2151.

1979 F2 hydro, air, 1,200 hrs , 13' header, very sharp Financing. $14,900 Larry Stalter "The Combine Man" 1-800-248-2151

1980 6620, 1,868 hrs , sheded, very clean, field ready, $23,900 1-800-248-2151

1980 Button Johnson tomatoe harvester, refurbished 1985, w/brush shaker, electronic color sort, disc pickup head w/ conversion to knife head 717-473-4473 Ask for Sam

Welmar Model 500 fertilizer spreader, 5 ton capacity (717)224-4144.

1984 6620, 2,212 hrs , dial a-matic, sheded, sharp Finance $28,900 Larry Stalter "The Combine Man" 1-800-248-2151

1984 8010 AC, very good condition, new radial rear tires, cab, A/H. 814-355-3149 diesel

1992 Ford 6610 special w/100 hrs , canopy, front weights, $19,000. 814-445-6426

1992 Hillsboro (NEW) 8x24 flatbed gooseneck trailer, HD neck, 2 drop leg jacks w/2 speed gear box, $4600 410-775-7657.

1 JD 4240 Tractor, SGB, QR, 1 JD 210C Backhoe Loader. 717-573-2215.

AC 7000 tractor & 20' batwing mower, like new, BO (410)357-4646.

5 hp air compresser, good running condition, $495 (717)442-9209

20' Wing Harrow, $400, JD KBA 8' transport disc, $575, NI Cut conditioner, $875, flatbed wagon w/new bed, $450; 10' cultipacker, $400 215/562-4464.

(2) 14 9-24" tires on JD 8 hole rims, $380 215-868-5781.

214 NI manure spreader, very good condition, $975. (717)369-2540.

239 JD backhoe engine, 4 cly. diesel; Bradco 8MD 9' backhoe attachment for skid loader. 717-664-4794.

354 cu in. Perkins diesel power unit off 1665 Case combine For parts· Case 1660 and 1665 combine and 306 corn head, very good (717)865-4932.

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Case IH model 2096 tractor w/cab, air, heat and stereo, 20 8-38 radial rear tires and 1100-16SL front tires, full rack of weights, tractor in excellent condition w/2059 hrs. Purchased new in 1989, $25,000. JD 1240 plate-type corn planter, 4R w/dry fertilizer, VG condition, $1,200 Ag-Pak bin box dumper w/ hydraulic driven feed and 7½ hp fluid power hydraulic system, excellent condition, $4,500. White 588 on-land hitch, 6 bottom plow w/20" bottoms and disc jointers, spring automatic reset, excellent condition, $5,500. Lackawanna County, PA (717)587-1725.

Cockshutt Model 550 Tractor, 3 pt hitch, PS & LPTO, very nice original tractor, $2150 OBO. JD Model G Tractors. 908/359-5934.

Cream separator, McCormick electric #150; Antique hay cutter $40; Antique spool and cannonball beds $290 each; Old oak barrel $60; Hand pump $60; Old block/tackle $25; Darkroom enlarger $150, also other equipment. 717-432-3788.

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Flowtrak sprayer monitor model FT84C, used 1 season, paid $445 Best offer over $325. 717-762-0406 7-8AM. Can U P.S.

FMC sweet corn harvester, 1R w/Wisconsin engine. (301)249-6475.

FORD 7610 II, syncro, 4WD, DP, 18.4x34, weights, 375 hours. 215/562-4807.

FOR PARTS: Int 544 Tractor, hydrostatic, 302/875-7007.

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FOR SALE: Krause 5213 No-till drill with grass seed attachment; Patz 16' to 20' pack-drive silo unloader; 100' Clay 11" belt feeder. Berks Co 215/488-6501.

FOR SALE: Lockwood XL, potato harvester w/belted chain, very good condition. 717-788-1486.

Ford 8N for sale, $1,500. Call after 9pm, (201)447-0946.

Ford 9N, tires 70% all have weights, motor just rebuilt but needs head or gasket, brakes and 3pth arms, $1,200 OBO. 8' Int disc $150. MF 3 bottom plow, $200. (908)637-4632.

For most any combine, grain and/or corn header, or self propelled choppers. Call Larry Stalter, "The Combine Man" 1-800-248-2151

For Sale: IH 1550 Loader with Valve $750; Ford 6000 Diesel 800 Hours on Rebuild Eng. NF Works Good, $1800 (717)865-5719.

FREE: We will tow away your unwanted cars, trucks and farm machinery. Berks, Lancaster and Lebanon Counties. 717/933-8405.

Front Cut Mower, Hustler 305D, 60" deck, runs but needs hydraulic work, $1,200/OBO. 410-833-9091

GENERATOR CAT 13,000 engine w/pony, 75KW, very little use, $3,000. 410-833-9091

Gehl 95 grinder mixer, always shedded, $1,900. (717)933-4893.

Gehl Discbine, 9', model 2330, nice condition. Lebanon Co. 717/949-3498.

Generator for sale, 208V, 3 phase, 10,000 watt, LP gas engine. 717-896-8322 Eves.

Gleaner K combine 10' grain, 2 corn, $3500; Brillion 14' wheel harrow, $800. Both shed kept, nice condition. 301-293-3661 Eves.

Goshen 3 pt. PTO bedding chopper; Wix bedding chopper on wheels w/ Honda motor. Both excellent condition. 410-775-7657.

Grain Brain, 39 stall multiple grain feeder, good condition 717-442-9361.

Harvey Hammermill, $30 717-755-1460.

Haybine, NH Model-488, used very little, excellent, $7500. Somerset Co. 814/443-3017.

Haybuster tub grinder, H-1000, used 1 season, $13,000. 716-243-3788.

Hay wagons: 5-3 w/new bale throw bodies. All w/JD 965 gears, excellent, $1,200 each. (301)898-7426.

HIGH TORQUE DIESEL STARTERS with 3 yr. warranty for most domestic tractors and select imports With 6 month no risk money back guarantee Call Gary D. Sneath at 1-800-622-7892

Hi Clearance Farmall 504, good condition, approximately 24-26 inches clearance. 717/966-3879.

Hinkle tractor cab, off JD 30 series, nice shape, complete; NH tank spreader, big airplane tires 215-469-9633.

Horsts wagon gears w/ honest ton rating and no sway trailing, heavy duty. Custom made wooden conveyors and taperboard feeders. RISSLER CONVEYORS, 1275 Indiantown Road, Stevens, PA 17578. (215)267-2244.

Houle 18'-4" articulated super manure pump w/ agitator, like new for in ground pit or earthen lagoon, $6500. 703-483-7226.

HYDRAULIC PARTS DEPO; STEEL SHAFT DEPTO; steel square tubing depo; gear box depo; Rockford power takeoff, model PTA41073 $200. 410-452-8643.

Hyster propane forklift w/ expandable forks, in good condition, $1950. Ira Stoltzfus, Spring Garden Plumbing, 339A Spring Garden Road, Kinzers, PA 17535.

IH 1440, 2 heads, super sharp, $24,900 Delivered 1-800-248-2151

IH 370 12' disc, $1300; JD 145 5x16 plow, $700; JD 1240 plateless corn planter, $700. 215-488-6927.

IH 444 PS WF PTO 3pt w/2speed. One owner Shed kept, real nice, $4,000 (814)275-1375.

IH #475 14' disc, $1050, JD 350, swamp tracks 33" wide. Lancaster Co. 215/445-5918.

IH 660 diesel tractor w/ pulley. Coming in 560 diesel 806 IAS. Aaron S King, 155 Herr RD, Ronks, PA 17572

IH 720 auto reset plow, 4 bottom, 18", new mold boards, $3000. 717-322-3201.

IH 856 wide front, dual PTO's, good rubber, recent motor work. Good condition Asking $8500 717-432-5160.

IH #5 chopper, good for fodder or green chop, field ready $375; IH #10 grain drill, 16 disc, field ready, $375. Owner retired 717-687-6220.

IH Subsoiler, 5-tooth, spring reset, $3500; 14' Brillion cultimulcher, like new, $3500; NH 880 hay pickup, $400; JD 6' flail mower, $450; IH axle duals, 20 8x38 radials 90%. 215/267-6547.

IH Hydro 84, 2,200 original hrs, 1 owner, cab, new tires, 2 outlets, 90" power angle blade, $9,000. 410-833-9091

JD 1 bottom steel wheel plow, $150; Papec chopper blower on steel wheels w/ pipe and gooseneck $150; Wisconsin #TF-D, 15hp baler engine $50. 412-864-4928 Randy Morris, 1883 Ivanhoe, N.Huntingdon, PA 15642. Can deliver.

JD 2030, 1,475 hrs., runs well, warranty, $7,500. 410-833-9091

JD 2030, dual hydraulics, differential lock, power reverser, 90% rubber, like new condition, w/$146 HD loader, excellent buy, $11,000. 410/329-2151.

JD 243 2R corn head, good condition, $450 OBO. Schuylkill County. (717)943-2328.

JD 375 skid loader, 18 HP diesel, 160 hrs., utility light package, excellent condition. Best offer. York, PA. 717-266-0575.

JD 401C, same as 2030, $5,000. 410-833-9091

JD 4020 Diesel, WF, recent engine overhaul, very good condition. 717/437-3958.

JD 4020 Diesel side console, S/R, W/F, rebuilt engine, new tires, paint, seat, must see to appreciate, $9500. 301/829-0271.

JD 4020: turbo charged diesel, front end loader, new tires, completely overhauled, runs like new, $8900 OBO. 717/738-4740.

JD 404, 6 cylinder turbodiesel engine, complete, excellent condition, $2750; 20.8-38 Firestone tires on 9 hole rims, 60% tread w/ hubs for JD, $550. 410-798-1038.

JD 4400 diesel, 1863 hrs., air, sheded, 13' ridgid, 1 owner retired farmer, $9400. Delivered, finance Larry Stalter the "Combine Man". 1-800-248-2151.

JD 440 dozer dsl. motor, good under carriage. New steering clutches, works and runs real good. LN7000 Ford 3208 5spd, excellent running cond. Both PRICED RIGHT. (717)363-2133 after 6pm

JD 4400D rota-screen, cab, air, 2600 hrs. w/443 CH corn head and 13' grain. Like new 28L26 tires. Shed kept, nice, $8,900 (814)275-1375.

JD4430 cab air quad-range 20.8xR38 engine rebuilt and guaranteed by Landis Bros. Inc. JD4230 quadrange. Chester. (215)458-8260.

JD 4430 cab, air, quad range, 20.38 radials, 4550 hrs., $12,500; NH 1038 stack wagon, 105 bale pull type, single bale unload, $8500. Both very good condition. Montgomery Co. 215-287-7315.

JD 4440 tractor, cab and AC JD 4400 combine, HD final drives, cab and AC JD 444 corn head. JD 8350 21 double disc grain drill. JD 3pt 1010 field cultivator, 12' center, 3' wings. Case 12' offset disc. White 6 bottom plow, auto reset. (216)482-3660.

JD 4440 tractor, 3700 hours, nice, $21,000; JD 7200 notill corn planter, planted 275 acres, like new, $10,500 215/756-3516

JD 4520, low hours, 3 outlets, JD 6' direct cut for 38 harvester Both field ready 717-259-9800.

JD 4630 2-wheel 2 hydraulic valves, 1000 PTO, 14L16, 30 5R32, cab w/air, heat and radio. 10' dozer blade, power angle. #1008 3pt JD rotory mower. After 5pm, (717)292-2425.

JD 494A cornplanter, kept inside, $600, Bucks County, (215) 321-6432

JD 6000 Hi-cycle, used as rental for 1 year, $31,000 301/663-6060.

JD 606 Bushog, like new, $1,250. (410)833-1847

JD 7000 4RW corn planter, monitor, frame mounted coulters, like new 717-244-7527, 717-244-6678

JD 70 Diesel w/Rebuilt Motor, Wide Front, Power Steering, Three Point Painted Repaired for Self 650Gal. Bulk Tank $300. 315-826-3414

JD 7200 corn planter, no-till 6R w/5R soybean planter, excellent condition Call 410-795-6127 after 7PM.

JD 750 Notill drill, used 2 years, excellent condition, $14,800 or best offer. Franklin County. 717/762-3403 or 301/739-6632.

JD95 Combine, cab, spreader, gas, 4R,30" 13'grain, $2000; IHPlow, trip, 3-12, $100 302/738-7830

JD Grain Drill 17-7 Case 14' Field Harrow Belt Pully forJD 430, Top, Link for JD430 Front Weight for JD430 JD 830 Haybine Deluxe Seat for JD430 2Cylinder Flat Top Fender's Front Side Weights for 2Cylinders F250 Ford 4X4 717-924-4516

JD M tractor w/plow and cultivator, $1650 410-795-1995

JD on-land plow, 6x16, very good condition, $1850 717-359-9052

JD Splitter, 5 units, Generac alternator, 1000 PTO, 75 KW, single phase, 110-220 outlets, on factory cart, excellent condition, 75 hp electric motor on factory cart, 540 PTO, 3 phase, real good 304/728-7113

JD styled-B, 1939, 4 speed, excellent tin, runs, $850. 814-766-3747 Evenings

John Deere 4200 3 Bottom Roll Over Plow, New Shears Shins 609-268-0274

John Deere 2040 Tractor Unloader, clean Berks Co 215/488-1733 after 8pm

Krause 2410 Rockflex Disc, 21' cut w/Brillion 23' wing fold packer, both kept inside & excellent, $13,500. York Co. 717/993-6226.

JD 4230, syncro, ROPS, 50% rubber, $6,500. 410-833-9091

Krause 3118 Landsman. Case IH 900 6RN corn planter w/dry fertilizer, insecticide and monitor. Both excellent condition and shed kept. (717)437-3469

Kuhn #58599900 $4/ea. Can U.P.S.; Artsway Loader $1000, will part out. 410-452-8643.

Kuhn hay tedder 4 star, (717)222-9090.

Lime Spreader, 69 White 4000, tandem axle, Cummins motor, 15-speed trans., 13' box w/auger booms. 814/784-5868 after 6pm

Liquid 500 gallon fertilizer spreader w/5 horse Briggs and Strattron motor w/27' booms, floatation tires, control from tractor seat, Robert MacBeth, (717)677-7282

LOADER ATTACHMENT FORD 730, includes valve, very good condition, $1,600 410-833-9091

LOADER TRACTOR FORD 3400, gas w/800 original hrs, 3 pt PTO, $5,000 410-833-9091

LOADER TRACTOR IH 444 w/2050 loader, $4,000. 410-833-9091

L&S Electric Forklift, 2000 Lb. Lift, w/110 Charger, Battery Approx 2 Years Old. Also 75 Used Cement Blocks at $ 50/Each 717-426-1921.

M2 Hydro, 1300 seperator hrs, 6-30" and grain head, $15,900. Finance Larry Stalter the "Combine Man" 1-800-248-2151.

MANURE SPREADER NH 675, tandem, new floor & drag, 2 beater, $1,650 410-833-9091

MANURE SPREADER MF 205, excellent w/litter pan, $1,000. 410-833-9091

McKee 22' field cultivator, hydraulic fold w/rolling basket, $3,250 OBO. (301)334-3897.

MF 1020 hydro 21 HP diesel w/#1014 loader w/60" bucket, 4WD, hydrostatic drive, 325 hrs., like new, New Price $11,900, Sale $8,500. 717-354-8664 Eves; 717-354-4447 Days ask for Dave.

MF 165, gas, turf tires, PS, LPTO, $2,400. 410-833-9091

MF 2705, CAH, 3,600 hrs, outlets, 24 spd, nice condition, $6,300. 410-833-9091

MF 3525, CAH, 4x4, $11,000. 410-833-9091

MF 410 combine w/wo 13' grain head, ideal for parts Washington Co 301-790-2136

MF Tractor 30E; Int front loader industrial tractor 1353DW, 85 U-Haul trailer twin axle 6x12', complete backhoe for 580C Case; 1000/gal SS John Beam high power sprayer mounted on 77 stake body Chevy, both in perfect condition, 200/gal fiberglass tank sprayer mounted on frame & axle for towing 215/446-4242

MINNEAPOLIS MOLINE PARTS NEW AND USED AND TRACTORS EVERETT BROS 614-922-3335

Milk tank, 1250 gallons w/ compressor and milkers, w/2" milklines Call after 6PM 410-442-2114

M&W P2000 dynamometer, $2,000 (814)276-3422

NEW HOLLAND ELEVATOR COMPANY New 30' and 36' Elevators, new parts for Model 155 NH We will trade, buy or rebuild your used or damaged NH Elevator Thank You Thom Wheary, Jr 717/687-0102

New 9 and 10 ft. harrows Disc blades in stock Will repair discs again this winter Logan Mills Welding, RD#2, Loganton, Pa 17747

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PLEASE WRITE CLEARLY

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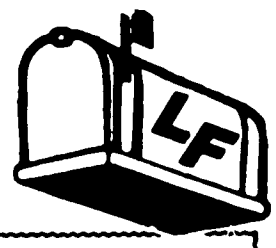
P.O. Box 609, Ephrata, PA 17522

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER.



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Please publish my ___ word ad ___ times starting with the ___ issue Classify under # ___ I enclose ___

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This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

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SECTION D - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES
36¢ per word per week - 1 or 2 times
30¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.96	7.92	9.90
12	4.32	8.64	10.80
13	4.68	9.36	11.70
14	5.04	10.08	12.60
15	5.40	10.80	13.50
16	5.76	11.52	14.40
17	6.12	12.24	15.30
18	6.48	12.96	16.20
19	6.84	13.68	17.10
20	7.20	14.40	18.00

1	2	3	4	5
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16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164
FAX 717-733-6058

PHONE HOURS:
Mon., Tues., Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
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The following categories are available for your classified advertising. In Section D. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

The following categories are available in your classified advertising. In Section C. Deadline-Wednesday afternoon at 5 of each week's publication.

4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

NH 818 2RW Harvester, excellent condition, $400; JD 2030, dual hyd., diff lock, power reverser, #146 loader, excellent, $11,000. 410/329-2151.

NH SkidLoader 555, diesel, blackboom 1985, $6500 OBO; JD3020 WF. 215/445-5598.

Oliver 12' Transport Disc, $750. Taneytown Farm & Hardware, 410/751-1500

Oliver 1600 gas, recent engine overhaul, front weights, (3) new tires, new brakes, new seat, etc. field ready, $3900. 717-866-7066

Oliver 90 standard, good running condition, $2500, 717-626-7747

Overhead Shop Crane, 3 ton capacity, 35'6" wide, can be shortened w/200' patten track I-beams, good condition, $4500 215/445-6976

OWNER DISCONTINUING FARMING would like to sell 1895 NH self-propelled 4WD chopper w/ pickup & corn heads, $20,000 301/829-2864 before 8pm

Parting Out IHC TD662, TD9, T9, 150 loaders, dozers, Cat 955H, Galion 118 grader, engine trans and final parts, new sprockets 175C Somerset Co NJ 908-658-3414

Patz gutter cleaner w/185' chain Patz 50' feed bunk w/Lancaster belt feeder Cumberland (717)766-3970

Pixall 1R sweet corn harvester, 3 pt hitch, like new; Kennco 1R high speed plastic layer; Kennco 1R bedder w/fertilizer hopper 609-561-1153.

POLY PLANTER, Plants seed thru plastic with 4 mph Get snap bean yields of 600 bushel per acre! Spring Rentals Available at $50 per acre. Ideal for early sweet corn and mellons MARKET FARM IMPLEMENT 814-443-1931.

Posthole digger, worksaver, 3 pt. 6", $375 firm Chester 215-469-4648

RECONDITIONED HAY EQUIPMENT: Brillion 8' packer/seeder, $1750; NH 56 & 55 Hay Rake; Nicholson Hay Tedder. Thom Wheary, 717/687-0102.

Sawmill 0 frick, steel, 15' carriage, 4 headblocks, 56" saw, 55' track, GMC 471, Montgomery wood hog (717)469-0273.

Self-Loading Round Bale Trailers, Hay Moving and Stacker Equipment, Round Bale Wrappers and Film C W Neiderhiser Sales 412-423-4076

Shaver Post Drivers HD8 $1095, HD10 $1595 Taneytown Farm & Hardware, 410/751-1500

Int 2300 tractor, 35hp, turf tires, power steering, new chains w/7' front hydraulic blade and 8' 3pt finishing mower, excellent condition, $4,500. (410)655-7094.

Int. 240 utility tractor with heavy duty loader, cab, good condition, $4200. 410-343-0802.

International Cub tractor w/60" mower. 12 V. Good condition. $2,500. (908)852-5274.

International combine 615, 3RN corn head, 13' grain head, $3200 215-885-1032.

International 56 4 Row Planter, $250. 717-755-1460.

JD 1020 gas tractor, good condition, $4500, NH 275 baler w/thrower, $1550. 301/829-0271

JD 10' Transport Disc, $650. Taneytown Farm & Hardware, 410/751-1500

JD 1250, 3x16 plow, safety trip standards, hydraulic landing attachment, trash boards, excellent. 717-322-1642.

JD 158 Loader, 6' bucket, good condition, $2800. 410/778-0203.

Three Point Sawbuck, 5 blades, belt bully, stay bore. 717/733-6452 Lancaster Co

Two complete Mott Interstate flail mowing systems, one extra for parts, many new and used parts. Three Mott 88" rear mowers Three 9N Ford tractors for parts, $1200 OBO. Ford 777D frontend loader, fits 5000 through 7710, $2150. 717-758-2078.

Tye 10' no-til drill, pull-type, excellent condition, $7,500 (814)276-3422

SICKLE MOWER NH 450, nice, $600 410-833-9091

Snow Blades for. Farmall Cub, SA-140 Super C, $300/each, Ford 1700-1900, $200, Myers Snow Blade, 7' w/ hydraulics; Ford Snow Blowers for compact diesel, all $200 OBO Thom Wheary, 717/687-0102

SWEET CORN Vacuum Planters. Accurately plant super sweet varieties. Also plants any size seed from pumpkin to raw cabbage seed. New 2 row only $4725. In stock. Free delivery until April 15th. Other planters available. MARKET FARM IMPLEMENT 814-443-1931.

New Beiler hydraulic 5hp Honda hydraulic unit, 5 gallon reservoir and valve, $650 OBO 717/569-3359.

New Brillion 10' seeder $4350; Woods 15' rotary cutter $5450; Hesston 540 $8850; 530 $6200, Round balers, 1130 mower conditioner $7800, 4570 squre baler, (4) flexi and Lohman round bale moving trailers; new skid loader with backhoe $8500. DON ERDLEY EQUIPMENT, Lewisburg, PA Call 717-524-2410

New Farmhand tank spreader, 217 bushel, right hand w/hyd lids, 1 only. $6,370. (717)222-9090.

New Holland 1033, 105 bale wagon, nice $5,800 1037, 105 bale wagon, nice, $7,950 Allan Davidson, Finksburg, MD (410)848-7050

New Holland 852 auto wrap round baler, excellent, $4,000 (301)898-7426

New & Used Parts For Oliver, Minn Moline & New Holland. 717-333-4256

NH 1469 haybine, self-propelled, 9' nice, $2,000 (301)898-7426.

NH 273 baler w/thrower, $1,900 NH 27 blower, $375 18' Horning hay wagon, $750. Lilliston 11 tooth chisel plow, $1,050 Add on bottom for Oliver SAR plow, $200 Lancaster County. (215)267-3140.

NH 273 baler, super sweep, angle kicker, $1875; NH 478 haybine, 7' used 1 year, $2995; JD hayrake w/rubber teeth, $1095; NI 750 1 crimper $575. 717-354-0266

NH 56 hay rake. Top buggy (717)355-9551.

NH 355 Mixer Grinder, excellent condition, always shelter, extended auger, wide tires, extra screens, $4300. 215-869-2135.

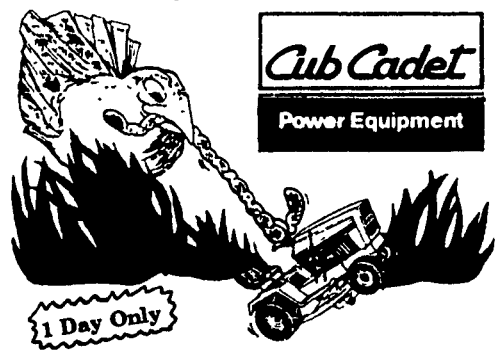
NH 489 Haybine, Serial #615475, like new, guards, tiger-tooth knife, $3000, Farmhand grinder mixer, $275. 717/733-3350.

NH 495 haybine, used, 12'. (814)267-4953.

NH 499 hydra-swing haybine. Field ready. (410)692-2055 days, (410)343-0816, evenings.

NH 791 manure spreader, 2 beater, 400 bu., $2,500. (301)898-7426.

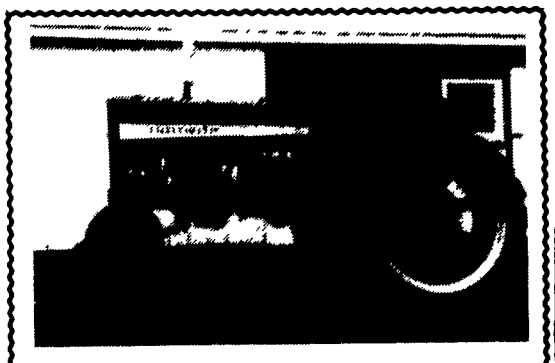
Come To Our 8th Annual Early Bird Sale...



Sunday, February 14, 1993
9 AM - 4 PM
Manor Equipment, Inc.
Wheatfield Rd., RD 8
Sinking Spring, PA
(215) 678-0828

Madey Farms
Windber, PA (814) 467-8839

Belarus 7010, burnt cab, 4x4, 235 hp	
Case 2590, cab, air, dls. & dif. lock	$15,900
Case 2290 Cab, Air, Duals & Dif. Lock	$13,900
Case 1030 diesel	$4,600
IH 5488 C/A 2800 Hrs.	$23,500
IH 1586, cab, air, TA, duals	$12,500
IH 1486, cab, air, dual, PTO	$10,800
IH 1486, 4 post, nice	$8,900
IH 1256, big rubber, new paint	$6,300
IH 806, diesel, cab, new tires	$5,600
Oliver 550, dsl., 95% rubber	$3,800
Oliver 1650, gas, NF	$3,200
White 2-150, solid	Make Offer
1974 Dodge w/20' tiltback bed	$3,600
'80 Mack F Mod. 300, 44,000 rears	$4,500
JD axle duals, 3 5/8 hub 18.4-38	$1,000



IH 544, TA, Dsl, Row Crop
$4,900

Case 830, diesel, gear drive **$1,950**
IH 1206, TA, 3 Pt, Dual PTO **$5,300**
IH 856, fender tractor, dual hyd. **$5,300**
JD 4010, Dual Hyd, New 16-38 Rubber **$5,500**
IH 1456, 1971, Dual PTO **$5,800**
IH 1466, TA fender tractor **$6,500**
IH 1586, Cab, TA, red power **$9,800**

(717) 532-8926 No Sunday Calls

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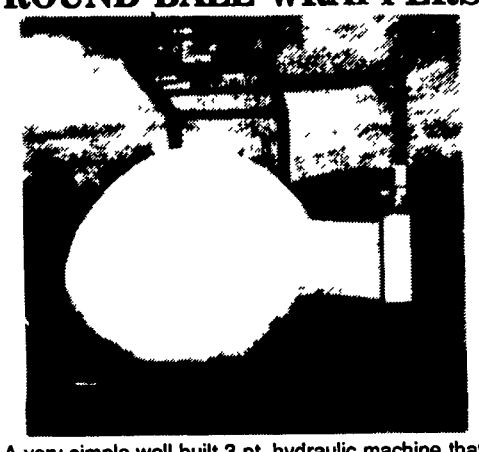
ROUND BALE WRAPPERS



A very simple well built 3 pt hydraulic machine that will pick up heavy round bales, wrap them and set them where you want all for a price you can afford. A one man operation! Made in PA

FARMLUND INCORPORATED
Christiana, Pa. 717-656-9919
Dealers Wanted 410-658-6319

✔ A 6-inch hydraulic operated brass valve for unloading
✔ Has 3 different manure spreading patterns
✔ Tank has a float level indicator and sight glass
✔ A 20-inch rear manhole for easy access to tank
✔ Tanks are made of 5/16 thick metal
✔ Large air-cooled vacuum pump

Special $6675

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194 S Groffdale Rd., Leola, PA
Lancaster County, PA 17540
PHONE (717) 656-3249

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JD 4219, 4219T, 4239, 4239T
A.D. HOSTETLER
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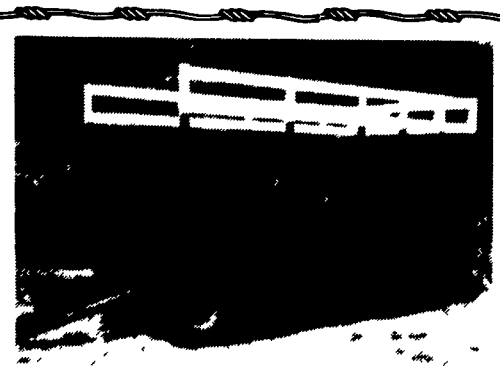

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MF 1163 Corn Head
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MF 1045 4WD w/72" Deck
NH 315 Baler Thrower
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Shaver HD 12 Post Driver
T/NH Skid Steers
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NH 1499 Haybine
NH L225 Skid Steer
NH 315 Baler w/Thrower
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NH 679 Manure Spreader
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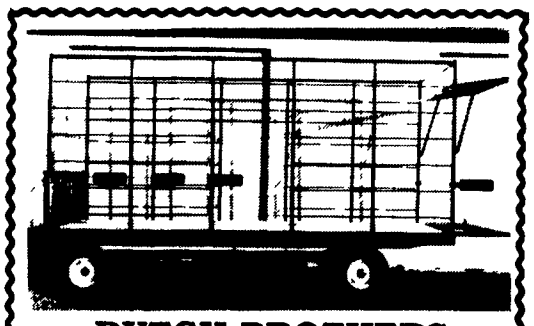

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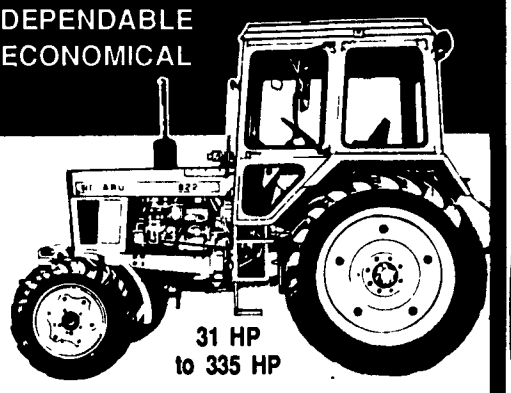

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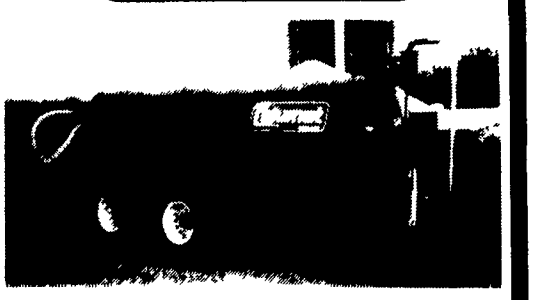

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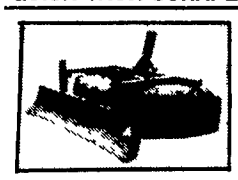
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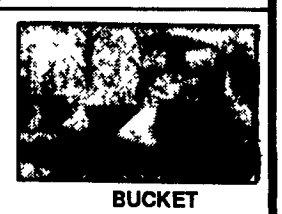
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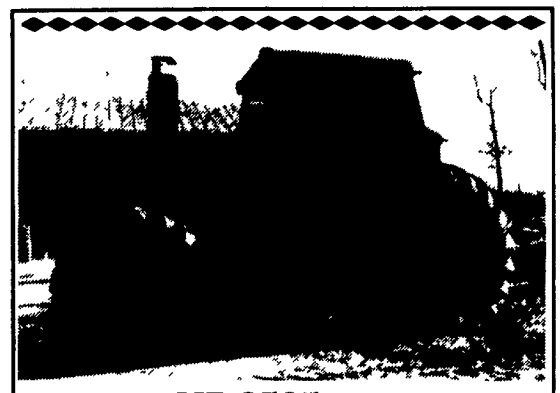
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JD 3960
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JD 7000 6RN w/Dry Fert.
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Ford 8N
Ford 600, 5 Spd.
Ford 1210, 4WD
Ford 2600 w/Loader
Ford 4000, 1964 Diesel
Ford 4000 SU
Ford 5000
Ford 5600 w/DP & Loader
Ford 7000
Ford 7600, Row Crop
Ford 7700, No Cab
Ford 7710, 4WD, Cab & Air
Ford TW30, 2WD, Cab & Air
Ford 555B, TLB, 1,200 Hrs.
Kubota 8950, 4WD w/3000 Hrs.
Mitsubishi 160, 16 H.P. w/Loader
Ford 555C, 4WD, 1,300 Hrs.
JD 4430
Farmall M
MF 255
New 6 Row White Cultivator
NI 512 12' Swing Tongue Haybine
IH 56 Blow SOLD
IHC Grain Drill
JD 122 Forage Box
NH 445 Skid Loader w/Deutz Engine
NH 775 Skid Loader w/1,600 Hrs.
Ford 12' Disc, Like New
Ford 14' Disc, Like New
10' Ford Field Cultivator
Ford 251 17' Offset Disc
Ford 4 Btm. Plow
Ford 3 Btm. Plow
IH 5 Btm. Plow
10' Brillion Culti-mulcher
Kioti, 4WD, 22 H.P.
Case 14 H.P. Lawn Mower w/44" Deck
Grove 14' Forage Wagon
NH 519 Manure Spreader w/New Side & Top Beater
NH 492 Haybine, 3 Yrs. Old
NH 495 Haybine, 12'
NH 499 Swing Tongue Haybine
NH 315 Square Baler, No Kicker
JD 24T Baler w/Kicker
NH 770 Chopper w/Hay Head & 2 Row Corn
NH 782 Chopper & Grass Head

Hours: 8:30-5:00 Mon. Thru Fri.
8:30-12:00 Saturday

Best Buys in Used Equipment

TRACTORS
- IH 340 Tractor
- MF 1100 Tractor
- Ford 8N Tractor
- Case IH 7110 Tractor w/Cab, 520 Hrs., Like New
- Case IH 275 Tractor, 4x4, Loader
- Case 300 Tractor
- JD 2550 Tractor
- IH 1466 Tractor w/Cab

SKID LOADERS
- Case 1830 Skid Loader w/ Bucket
- NH 553 Skid Loader w/Bucket, 450 Hrs., Like New
- NH 425 Skid Loader
- NH L785 Skid Loader w/Bucket
- Mighty Mac 8C Skid Loader
- NH D130 Backhoe

PLANTING & TILLAGE
- Miller 18 Ft. Disc Harrow, Hyd. Wing Fold
- Brillion 12 Ft. Cultimulcher
- Brillion 13 Ft. Cultimulcher
- AC 18 Ft. Hyd. Fold Disc
- White 5400 4 Row Air Planter, Dry Fertilizer
- JD 8200 Grain Drill
- Brillion 13'6" Cultipacker
- Brillion 13 Ft. Packer
- Brillion 12 Ft. Cultipacker
- Lilliston 9680 No-Till Drill
- NH OD100 Offset Disk
- AC 18 Ft. Wing Disc Harrow

SPREADERS
- NH 308 Slurry Spreader, Like New
- NH 307 Slurry Spreader
- IH 530 Spreader, Excellent
- NH 328 Spreader

HAY & FORAGE
- NH 273 Baler
- NH 276 Baler w/Thrower
- NH 848 Round Baler, Demo
- NH 850 Round Baler
- NH 851 Round Baler, Like New
- NH 853 Round Baler, Twine, Bale-Command
- NH 575 Baler w/Hydroformatic Bale Tension, Used 1 Yr.
- NH 425 Baler, Wire Tie, Like New
- IH 56 Blower
- NH 1499 Haybine, 180 Hrs., Like New
- NH 1495 Haybine
- NH 469 Haybine
- NH 489 Haybine
- NH 479 Haybine
- NH 492 Haybine
- NH 1496 Haybine, 12 Ft. Head Cab & Air, Diesel
- NH 900 Harvester, Metal Detector, Elec. Controls, Excellent Cond.
- IH 327 3RN Cornhead, Very Good
- IH 120 Sickle Bar Mower, 3 Pt.
- NH 770 Harvester w/2 Row Cornhead, Pickup
- MF 260 Forage Harvester, w/2 Row Narrow Cornhead, Pickup
- JD 15A Flail Chopper, 60" Cut
- NH 575 Baler w/72 Thrower, Excel.
- NH 1034 Bale Wagon

MISC.
- Case IH 1350 Grinder/Mixer w/ Scales
- MF Grinder/Mixer w/Scales
- JD 400 Grinder Mixer
- NH 357 Grinder/Mixer
- McConnel 450 Potato Harvester
- Brillion 5 Ft. Landscape Seeder
- 4 Row Liquid Side Dresser
- Century 1000 Gallon Sprayer, 48 Ft. Boom
- NH 353 Grinder Mixer

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Kuhn 7301 24' Folding Rake
Kubota M8580, 4WD, Hyd. Shuttle, 80 HP w/Loader
Kubota L5450, 4WD, Hyd. Shuttle, 50 HP w/Loader
Kubota 2050, 4WD, 25 HP, Turf Tires

NEW HESSTON EQUIPMENT
4570 Baler w/Thrower
4900 Big Square Baler
1340 12' Center Pivot Disc Conditioner
1120 9' Windrower, Stub Guard
530 Round Baler, 500 Lb.
540 Round Baler, 1000 Lb.

USED EQUIPMENT
Hesston 4600 Baler w/Thrower
NH 326 Baler w/Thrower
Patz Round Bale Chopper, Like New
1953 Oliver 66, WF
NH 679 Tandem Spreader, Rebuilt
IH 84 Hydro w/2250 Loader
IH 284 Dsl. w/Woods Mower
Bush Hog 2615 15', 1000 RPM Mower
Bush Hog 1315 15' Wing Mower
Kuhn FC 250, 8' Disc Flail Conditioner
Kuhn GMD 77, 9', 3 Pt. Mower
Oliver 548, 6X, 16", SAR Plow
Donahue Windrower Trailer
Goosen Stationary Bale Chopper
(2) NH 479 Haybine
Hesston PT7 Windrower

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Gravely 20 HP 60" Tractor
Steiner 220, 60", 21 HP Mower

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3622, 220 Bushel
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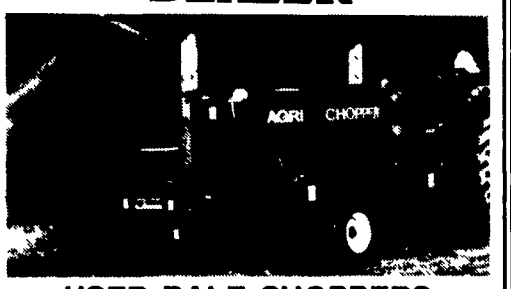

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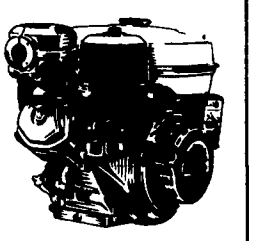

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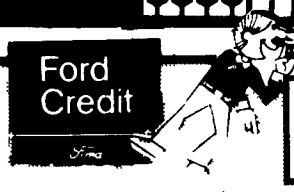

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NH 2450, 2550 SELF-PROPELLED HAYBINE

All New From The Ground Up For '93!

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- Push Button Header Controls
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With 974 6 Row Cornhead
FEATURING LOW PROFILE CORNHEAD FOR FAST, CLEAN HARVEST

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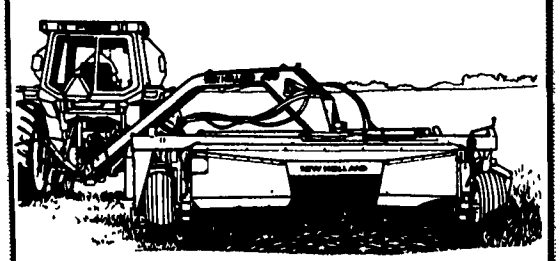

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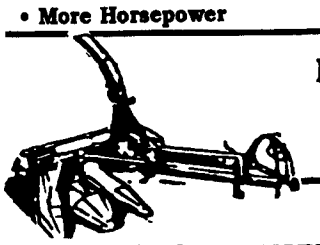

NH 790 FORAGE HARVESTER
- Metal Detector
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NH 216 UNITIZED RAKE
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- 10' Transport Width

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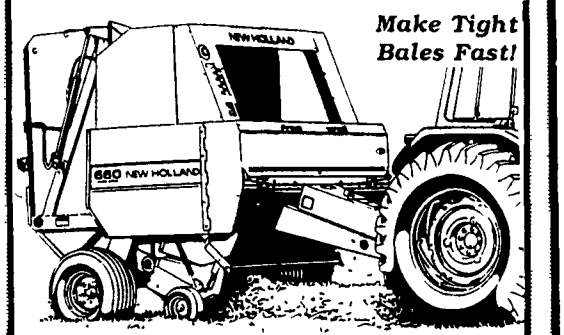
Make Tight Bales Fast!



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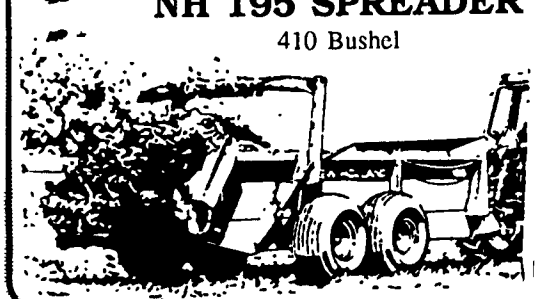
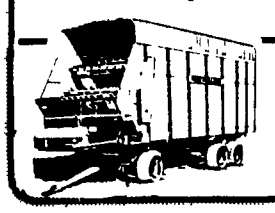
Looking For A Spreader? Now Is The Time To Buy!
NH 195 SPREADER
410 Bushel





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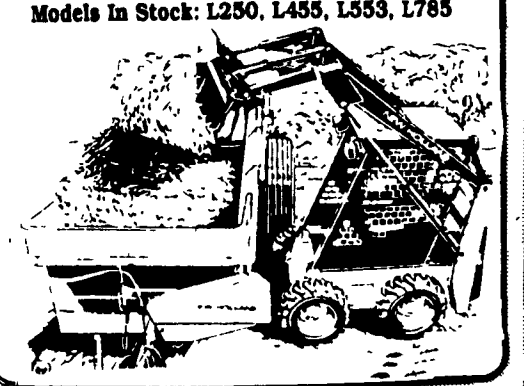

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IHC 710 5X reset plow
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Case 881 field chopper and windrow pickup
Case 1150D track loader
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White 2-105 without cab
Ford 8210, 4WD, w/Roll Bar

HARVESTERS
NH 36 Flail Chopper
JD 3800 Harvester

SKID LOADERS
Bobcat 642B

SPREADERS
NH 513 Spreader
NH 520 Spreader
NI 354 w/Pan

LAWN & GARDEN
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Simplicity 4211 Lawn Tractor w/Mower
Cub Cadet 106
Cub Cadet 1250
JD 111 w/bagger

BALERS & HAY TOOLS
NH 855 Round Baler
NH 275 Baler w/Thrower
NH 326 Baler w/Thrower
NH 489 Haybine
NH 1499 Haybine
NH 1495 Self-Propelled Haybine (L)
NH 411 Discbine (L)
JD 10 Side Mtd. Mower

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Versatile 276, 4WD Loader & Cab
4- Ford 600's To Choose From
Ford 1900, 4WD, Diesel Engine
Ford 1720, 4WD, Loader & Bucket, 86 Hrs.
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Ford 8N, New Tires, Clean, Really Nice
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IHC Cub, Hyd's w/Woods 5' Under Mt. Deck
Ford 5000, Super Diesel, TLB
Ford 800 w/Sherman Backhoe
Ford 555B, 1989, TLB, 4WD Ext. Hoe, Cab
Ford 555, TLB, 4 Post ROPS
New Holland L555, Skid Loader
Case 580D, TL, Ext. Hoe, w/Cab
Case 1150B, Crawler
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IHC TL, Model 240A, Good Cond.
IHC Tractor Loader, Hoe, Model 3400
IHC Tractor Loader, Hoe, Model 2424
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7610 II, DP, 18.4x34, roll bar, weights, 50 hrs.
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5610 II, DP, 1,600 hrs. w/Ford 7210 loader
4610, rollbar, dual deluxe hyd., 1985, 1,400 hrs.
4610, 8 spd., 13.6x38, 1 hyd., 2,300 hrs., 1 owner
4600, dsl., 1980, 2,250 hrs. w/Dunham loader
4100, diesel, 14.9x28, 1976, w/Dunham loader
3910 II, 4WD, 1989 w/Allied QT loader, 350 hrs.
3000, gas, 8 spd., PS, weights, 1974, 1,100 orig. hrs.
2600, diesel, 8 spd., LPTO, PS, 3,100 hrs.

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NH 489 haybine, like new
NH 25 forage blower, excellent condition
JD 8250 grain drill, 18x7, excellent
Roll bar fits 5000 thru 7610
New Canopy fits new style Ford roll bars
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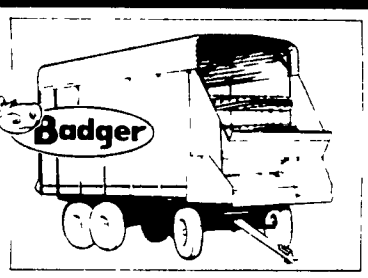

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Hardee 5½' 3 Pt. Heavy Duty Disc Harrow.....$1,270
Sovena 60" rotary tiller, side shift, clearance price.....$1,550
New Manure Spreader for compact tractors, approx. 45 sq. ft., pto drive.....$1,600
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JD 4240, SGB, QR Trans., 1982, sharp.....$18,500
JD 2940 SGB, 2 hyd. hi/lo, original.....$16,600
JD 4040 SGB, QR, Trans, 2 Hyd.....$15,500
JD 4430 SGB, 1976, QR trans.....$12,900
JD 4230 1976, SGB, QR, orig, nice.....$12,800
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MF 2745, cab, air, 2046 hrs., duals.....$10,500
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JD 2440, 1982 Ind. PTO, nice.....$9,200
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JD 4020, power shift, side console, nice.....$9,100
JD 4000, 1972, WF, Good Rubber, Nice.....$9,000
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JD 4020, PS, [SOLD]uled, cab, WF.....$7,700
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JD 4020, PS trans, 1976 WF, fair.....$7,000
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JD 2240, Ind. PTO, 50 HP, nice.....$6,800
JD 3020 diesel, WF, SR trans, original.....$6,500
JD 2130 hi/lo, Ind. PTO Good rubber.....$6,500
JD 830 diesel 1160 org. hrs., 3 cyl.....$6,400
JD 2030 dsl., Ind. PTO, 60 HP.....$6,300
JD 4010 Diesel, WF, 38" rubber.....$6,200
JD 125 dsl. skid loader, 2100 hrs.....$6,200
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JD 2020, dsl, hi/lo, Ind. PTO, nice.....$5,800
JD 2120 diesel, hi/lo, 60 HP, nice.....$5,500
JD 1120, diesel, 50 HP.....$4,000
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JD 2010 gas, NF, nice original.....$3,000
Ford 9N w/Sauder ldr., nice.....$2,000
Wide front ends for JD 4020, brand new.....$1,300
TO4 Air Research Turbo For JD 2630.....$800
18.4x34 JD axle duals for 4020.....$600
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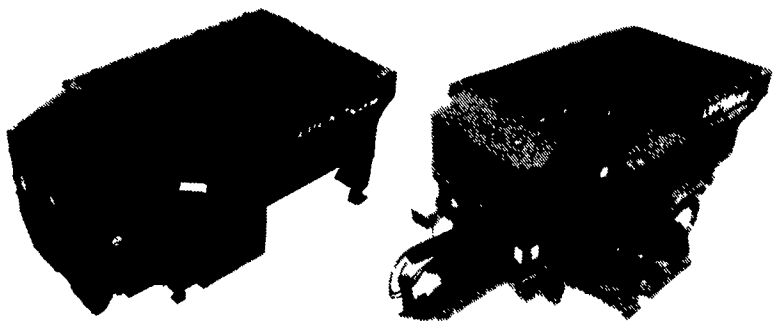

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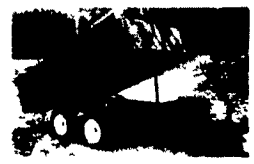

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WHITE | NEW IDEA

NEW EQUIPMENT

WHITE-
AGCO White 6085 tractor, 2-WD w/cab
6 Row, 6100 Planter, Liq. Fert.

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Deep-Til Implement
12 Ft. Pulverizer
9 Ft. Chisel Plow
MDS 1481 Pulvimulcher

GEHL-
HT 242 Tedder
FB 1560 Blower
FB 1580 Blower
MC 2170 Mower Cond.
MS 312 Spreader
MS 322 Spreader
RR 262 Rotary Rake
DC 2340 Disc Mower Conditioner

NEW IDEA-
3622 Spreader
5109 Mower Cond.
484 Round Baler

USED EQUIPMENT

Gehl 4300 Gas Skid Loader
Gehl 4510 Gas Skid Loader
Gehl 1200 For. Harvester 2-Row Hd. & Hay Pickup
Grimm Tedder, Ground-Driven

★ ADD-ON BEAM ATTACHMENT For 508 Plow, 16" Bottom

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Case IH 275, 4WD, Cab, Like New!
Case 1070, Cab, Power Shift
JD 1650 w/Loader
Deutz 6265 w/Loader

SKID LOADERS & UTILITY
Case 455 Track Loader
Case 580B Loader Backhoe
Case 580C Loader/Backhoe w/ROPS
Case 580C, Cab & Standard Hoe (1 In Stock)
Case 580E, ROPS, Std. Hoe
Case 1740 Uniloader, Minus Engine
Case 1816C Uniloader
Case 1835B Skid Loader
Case 1835 Skid Loader

MOWER CONDITIONERS
Hesston 1090
Vicon 281 Disc Mower Conditioner
Hesston PT10
(1) Case 555 Mower Conditioners
Case 650 Self Propelled
IH 1190 Mower Conditioner
NH 1495 Self Propelled
Gehl 880
JD 830 Self Propelled
JD 485 Mower Conditioner

FORAGE
Assortment of Gehl 99 Forage Blowers
IH 550 Harvester
NH 27 Blower

LAWN & GARDEN
Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher

PLANTERS
White 5400 4-Row Planter
IH 400 (SOLD) Planter

MISCELLANEOUS
JD 10 Ft. Disk Harrow
Baltimatic Spinner Spreader
Hesston 5500 Round Baler
NH 848 Round Baler
Woods C-114 Mower 9½' Pull-Type Mower
Woods HS-105 Offset Mower
IH 2355 Farm Loader, Like New!
Case 1800 7-Shank Chisel Plow
Case 3300 5-Bot. Plow
Athens 156 Chisel Plow

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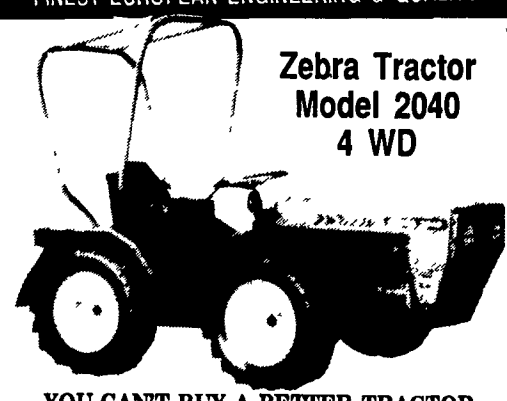

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The rugged 20 PTO HP articulated 4 wheel drive air cooled diesel tractor you saw showcased at Farm Show 540-1000 RPM PTO. Category I N -3 pt. Hitch. This low profile tractor (only 48" wide) has been used for years on the hillside vineyards, farms and nurseries of Europe. A quick attach Front End Loader is available making this an outstanding clean-out tractor

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USED EQUIPMENT

Ford 2N very good condition, coming in
JD 4020 w/cab, dsl, WFE
MH 101 Junior
Farmall Cub w/48" Mower, Cultivator & Plow
IH 656 Hydro
NH 80 round bale mover w/push off
(2) NH 320 w/thrower
NH 275 baler w/thrower
NH 315 w/70 thrower
NI 212 triple beater, nice
NH 512, very good condition
NH 520 w/slurry side & end gate
NH 479 Haybine
Gehl 2R forage head
NH 890 2R corn head w/windrow p/u
3 pt. wheel rake
Kelly Ryan platform fdr. used 3 times

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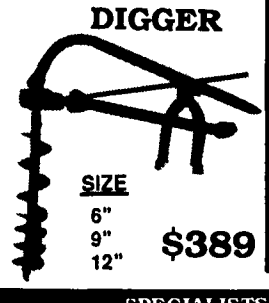

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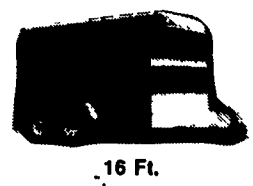

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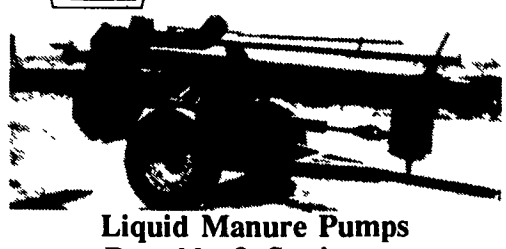

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AC 8030 Cab & Air, Duals, 4WD, Nice — $18,500

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NI 206 Manure Spreader	$1,250
NI 17A Manure Spreader	$1,650
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JD 400 Rotary Hoe, Green	$1,800
Glencoe Soil Saver, 5 Tooth, Like New	$4,800
Noble 4 Row Cultivator	$1,250
NH 630 Baler NEW	$8,400
NH 258 Rake	$1,800
(8) NH 402 Crimpers	$850 to $1,100

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JD 2755
JD 4450, cab & air, power shift, 4WD
JD 2950, cab & air, 4WD, 38" rubber
JD 2950, 4x4
JD 2750, cab & air
JD 2750
JD 2550, 4x4
JD 4630, cab & air, powershift
JD 4430, cab & air, quad range
JD 4430, cab & air, power shift
JD 4240, cab & air, power shift
JD 4240, power shift, 4 post, '82 model
JD 2840, hi-low, 1 owner
JD 1530
JD 4230, 4 post, power shift
JD 4520 w/cab, very sharp
JD 4320, cab & air
JD 4020 power shift, dual hyd.
JD 4020, side console
JD 4000 w/cab
JD 3020, side console, hi clearance
Ford 7710, cab & air, '91 model, 450 hrs.
Ford 7710, cab & air, '91 model, 700 hrs.
Ford 5600
Deutz DX140, cab & air, 4WD
MF 1105, cab & air
Oliver 2255 w/cab, 4x4
Oliver 1955
IH 1566, cab & air
IH 1486, cab & air
IH 1066, cab & air $9,000
IH 856 w/cab
IH 560 gas
IH 574 utility
White 2-105, cab & air
White 2-70, red stripe
Cat 930 4x4 loader
NI 325 corn picker, 12 roll bed
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Axle mount duals for IH 38"
Roll guard for 2950 ..... $650
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Gas or Diesel - Some As-Is And Some Rebuilt
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IH 574 Diesel, T/A, 18.4-30 Tires, 5,237 Hrs., 540/1000 PTO, Nice
$7,200

IH 5288, cab & air	Coming In
IH 1586, cab & air	Coming In
IH 806, diesel	$ 4,800
IH 574 w/Cab	$ 7,200
IH 244 w/7' mower	$ 4,400
IH Super A w/cultivator	Coming In
Minn. Moline G SOLD	$ 4,500
MF 4840, 8 New Tires	$21,000
MF 2775 8 Speed, C/A, Duals	$11,500
MF 1150 w/Duals	$ 5,900
MF 399, 4x4, 29 SOLD	$19,900
MF 265, multipower	$ 6,500
MF 178, diesel	$ 3,200
JD 4010, diesel	$ 4,000
JD 2955, 4 post, 1,580 hrs.	$17,500
JD 1520 w/48 loader & reverser	$ 7,000
JD 1520, diesel, hi-low shift	$ 5,500
JD 1050, 4x4	$ 8,500
JD 330 Diesel w/Mower & Blade	$ 4,750
Deutz DX190	Coming In
Deutz DX160, 4x4 SOLD & air	$11,500
Deutz 130-06	$ 6,500
Deutz 130-06 w/C SOLD	$ 7,500
Deutz 100-06	$ 6,250
Oliver 880	$ 1,950
Oliver 440 w/cultiv SOLD	$ 3,500
AC 200 w/cab	Coming In
AC 15' & 20' hydro fold field cultivators	$ 1,000 & $ 1,600
Brady 16' hydro fold field cultivator	$ 1,200
Brady 12' field cultivator	$ 800
4X & 6X Danish Tine cultivator	$ 800 to $ 1,600
JD 575 diesel skid loader, 1,300 hrs	$ 7,700
IH 4X Rollover Plow	$ 1,500
JD 2600 auto reset plow, 6 btm	$ 2,500
JD 111 10' disc	$ 1,500
Krause 14' disc	$ 1,500
JD 110 Disk, 12'	$ 1,900
Taylorway 7' Soil Saver	$ 3,900
Cultipackers 5' to 14'	$200 to $ 1,200
Oliver 3 Bottom Plow	$ 550
IH 720 5 btm. auto reset plow	$ 2,500
White 4 btm. auto plow	$ 1,600
MF 880 4 btm. auto reset plow	$ 1,200
NI 325 12 Roll Picker	$ 3,900
NH 28 silage blower	$ 900
Gehl 1580 Blower	$ 1,400
IH 12' vibra shank	$ 1,000
IH 18' fold-up vibra shank	$ 1,750
MF 9113 Flex Head, new	$ 5,200
MF 15' Flex Head	$ 1,900
MF 20' Flex Head	$ 1,900
IH Pickup Head For 720 Or 830	$ 700
1,500 Gallon Liquid Vacuum Spreader	$ 2,800
IH 7 Shank Auto Reset V Ripper	$ 4,900
NI 3125 side slinger, new	$ 6,500
18.4x38 & 20.8x38 duals	$ 1,000

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Kubota B-7100 HSD	With Mower
Kubota B-8200 DT, 4x4 w/Loader	Only $6,900
Kubota B-2150 HSD, 4x4	With Loader
Kubota F-2100, 4x4	With 60" Mower Deck
Kubota F-2000 w/60" Deck, Needs Some TLC	$4,500
Kubota G-1900S, 4 Wheel Steering	With Mower
Kubota L-245 DT w/Loader	$6,900
John Deere 950, 4x4	With Loader
John Deere Loader To Fit 950 to 1050	$1,475
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- David Brown 990
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- Case IH 7120, MFD— $32,000!
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- MF 2805 Tractor
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- Case 530 Backhoe
- Case 1835C
- Case 1835 Gas
- Case 1830
- Case 1845 Diesel
- NH 555 Skid Loader
- Caterpillar 933 Loader
- D100 Backhoe For 1845C

TILLAGE
- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- IH 370 Disk Harrow, 13 Ft.
- Case 16" Reset Plow, 5 Bottom
- IH 710 5-Bottom Plow
- JD 5x16 Plow
- JD 1120 Disk
- Oliver 16" Rollover Plow
- Bush Hog 15 Ft. Disk
- Farmhand 14' Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-100 Harvester
- NI 315 Sheller
- NI 324 Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- IH 120 Forage Box
- Badger Forage Box
- JD 3800 Harvester

HAY EQUIPMENT
- NH 479 Haybine
- (3) NH 489 Haybines
- NI 404 Rake
- NI 507 Mower Conditioner
- (2) Hesston 1014's, Plus 2 Windrower
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 445 Square Baler
- NH 78 Baler

MISCELLANEOUS
- NH 36 ft. Elevator
- Gehl 99 Blower
- NI 620 Blower
- Automatic Roller Mill
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- (2) NI 353 Spreaders
- NI 362 Spreader
- HM 1674 Spreader
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- Gehl 250 Spreader
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(6) UM2035 **Miller 12 Foot Offset Transport Disc Harrow** With Hydraulic Leveler, Hydraulic Lift With 4 Transport Wheels

(7) **New Holland 276 Baler** With Thrower, 1 Owner, Good Condition

(8) UM 2182 **Case 5100 Drill,** 16x7, Double Disc, Press Wheels, Grass Seed

(9) **IH Model 500 Transport Disk Harrow,** 14 Foot With New 22" Blades On Front Gangs

(10) UM2183 **Country Boy Bin** On Gear, Like New

(11) UM2181 **New Holland 276 Baler** With Thrower

(12) UM2074 **IH Model 370 Transport 14 Foot Disk Harrow**.....**Only $995**

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(2) UT2745 **Case 1290** Diesel, 53 HP, Sold New By Our Dealership, NICE!

(3) **John Deere 31 HP Model 970** 4WD With Rops, 6 Front End Weights, Less Than 20 Hrs., 9 Speed Trans., 12.4x28 Rear

(4) **Case 110 HP Cab Model 2090** Power Shift With 540-1000 PTO, Completely Serviced, Ready To Work

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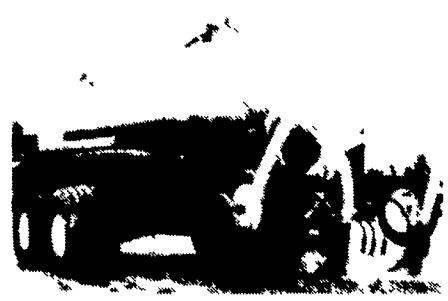

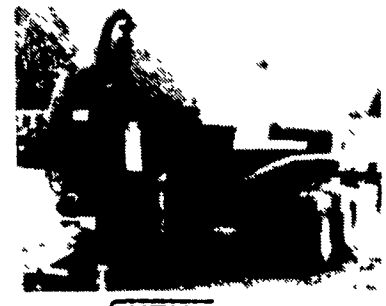

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We Have Lagoon & Pit Pumps Built Like Their Name —

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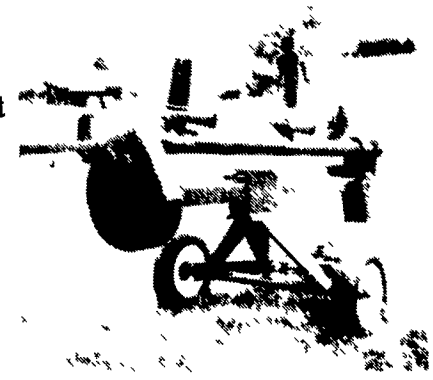
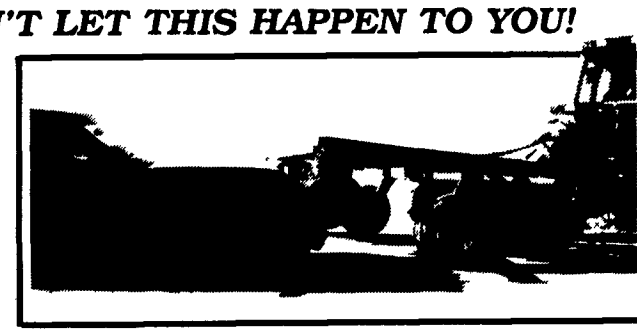


BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd.
Lititz, PA 17543
(717) 626-4705
1-800-IT PAYS U

MasterCard DISCOVER Farm Plan. A Service of FPC Financial

MR. FARMER - *DON'T LET THIS HAPPEN TO YOU!*



With the increased volume of high-speed traffic constantly passing you, YOU NEED TO BE CAUTIOUS! Avoidable traffic accidents, frequently followed by expensive medical care and lawsuits can create a nightmare for you! Binkley & Hurst Bros. Wishes to do our part to promote farm safety on the highway. For a limited time only we are offering the following:

- Four 4" Sealed Beam Flashing Lights
- Two Fully Enclosed 6" Painted Steel Boxes
- 30' Of Rubber-Protected Electrical Cable
- Big 7" Standard Trailer Plug To Fit Most Farm Tractor Receivers (Other Plugs Available)
- Additional Weld-On Receivers Available At Minimal Cost

ALL THIS FOR ONLY

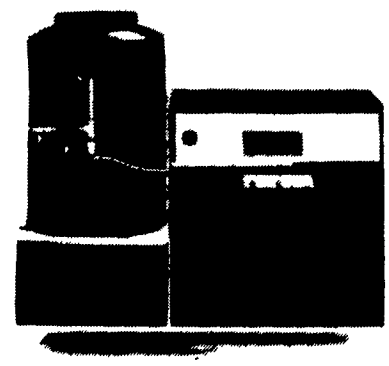
$97.50 Thru March 1, '93

BINKLEY & HURST BROS. INC. INVITES YOU TO VISIT WITH US AT BOOTH #62 AT THE

KEYSTONE PORK CONGRESS

Wed. - Feb. 17

Manure Handling And Clean-Up Equipment



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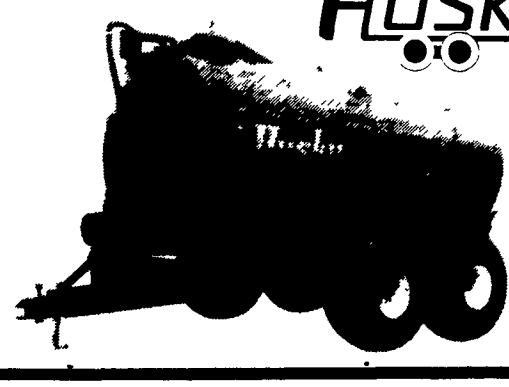

M T M CORPORATION

And

EQUIPMENT

BINKLEY & HURST BROS. INC.

Machinery Sales & Parts Dept.
Mon.-Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30 AM

133 Rothsville Station Rd.
Lititz, PA 17543
(717) 626-4705
After Hours Emergency Parts Call:
(717) 626-0885 (717) 626-5159
(717) 859-8768

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'83 STEIGER BEARCAT III

ST 225, 4WD, 8-4-38 Tires, A/C, Heater, Radio, 3306 Cat. Motor, 2800 Hrs., Very Good Condition

$27,500

North'd Co.

(717) 758-6221 After 6:00 PM

COLLECTOR TRACTORS FOR SALE

1938 JD D, Unstyled, Running Condition, Fenders, Front Spokes, PTO, Drawbar, Good Tin, Last Year Of The Unstyled.

$2,900

JD B - Cyclone - Running - 1950? ...$1,100
JD A - Styled - Good Tin - 1947.....$1,250
JD B - Cyclone - Good Tin - 1950?.....$1,450
JD 620 - Runs - To Restore - 1957 ..$1,950
Oliver 66 w/Wide Front - 1953.....$2,000
Oliver OC46 Crawler Loader - As Is $2,500
JD G- Single Front- Runs - 1952 .....$2,500
JD A - WF - 3 Pt. - Fenders - 1950.$2,600
JD Styled D - Runs Good - 1941.....$2,900
JD G- Runs Good - 1947 .....$2,900
JD Unstyled D - Runs Good - 1938..$2,900
JD R - Not Running - Good Tin - 1954.....$2,900
JD 420 Dozer - As Received - 1959 .....$2,900
JD B Unstyled - 1938 - Nice $3,400
MM G705LP- Cab- 1650 Hours.....$3,450
JD 720 Diesel Standard - 1957 .....$3,500
JD 440 Crawler Loader (GM Diesel) - 1959?.....$3,500
JD Unstyled A - Extra Nice - 1937...$3,900
JD Unstyled B - Nicely Redone - 1936 .....$3,900
JD Unstyled D - Nicely Redone - 1936 .....$3,900
JD G Unstyled - 1938 - Runs Good.....$4,500
JD 720- DE - 1958 - WF $4,700
JD 730- Standard - 1959.....$4,700
JD 60 High Crop- Poor - 1954? $4,800
JD 530- 3 Pt.- Nicely Redone - 1960$4,900
JD 730- LP- WF- 3 Pt.- Fenders - 1960 .....$4,900
JD 80 - 1956 - High S/N.....$5,200
JD G- WF- 3 Pt. - 1952 - Extra Nice$5,400
JD A High Crop- Poor - 1950?.....$5,500
JD 320 Utility - 1 Owner - 1957.....$5,900
JD 80 Diesel - Runs Good - 1955.....$5,900
JD 820 - Runs Good - 1957.....$5,900
JD 620 Standard- Nicely Redone - 1957 .....$5,900
JD 830 - 1959 - Pony $5,900
JD 830 - Direct Ele. - 1959 .....$5,900
JD 320S- Very Nice Original - 1957 .....$5,900
JD 330S - Runs Good - 1959 .....$8,500
JD 720 High Crop - 1957.....$12,500
JD 730 High Crop- Very Nice - 1958 .....$13,500
Ferguson 35 "New" - Under 1 Hour - 1956 .....$24,500
JD R.....Coming In
JD D Unstyled.....Coming In

I Am Rebuilding My Collection, Will Buy Clean Or Odd John Deere's. Buy-Sell-Trade.

Lots Of Older Sales Literature, Toys And Pedal Tractors For Sale.

LLOYD WENGER
251 S. Race St.
Myerstown, Pa. 17067
717-866-2130 Days
717-866-7147 Evenings

IH Hydro 84, 2700 hours, showroom condition $10,500
IH 1066, new rubber, excellent condition $10,500
IH 1066 black stripe, 3900 hours, showroom condition.....$11,500
IH 1086, 81 model, cab & air, new TA clutch & rubber.....$16,900
Year round cab, excellent condition $1,200
IH 1468, V8, cab, super sharp.$11,500
IH Hydro 186, cab & air.....$12,900
IH 686, 1800 hours, new rubber, excellent condition $10,500
IH 806 dsl.....$2,500
IH 966, recent overhaul, new TA, clutch & paint.....$10,500
IH 1466 .....$7,900
Ford 8N w/loader & blade, new rubber $2,500
IH 766, new rubber, excellent condition $9,500
IH 2 post w/roof $750
IH 1466, factory cab & air, new TA, clutch & rubber.....$11,500
IH 1066, new engine, new TA & clutch, new rubber & paint $12,500
IH 244 4WD, 600 hours $7,500
2 cabs to fit IH 706 to 1466 tractors .....$300 & $500

Financing Available
717-776-5291
JEFF SHOWAKER
Exit 11, Rt. 81
Clean off-the-farm, field tested tractors
Most Reconditioned And Sold With Warranty

USED EQUIPMENT

Special Of The Month
JD 5200 40 HP MFWD
Call For Details

TRACTORS

JD 3155 MFWD w/Cab, 300 Hours .....Coming In
JD 4030 Reconditioned. $10,900
JD 2840 w/Ldr. $12,900

DIESEL COMPACTS

Ford 1720 MFWD, 56 Hrs , w/Ldr. And Backhoe $17,700
Ford 1510 .....$ 6,600

COMBINES

White 8900 Hydro w/4WD, With Heads...Coming In
JD 7700 w/Grain Head .....$ 8,900
JD 215 Flex Head .....$ 5,500
JD 653A Row Crop Head .....$ 7,900
JD 444 Corn Head.....$ 4,400
JD 443 Corn Head.....$ 4,500
JD 244 Head.....$ 2,800
IH 715 w/Grain Head.....$ 9,000
JD 915 Rigid.....$ 6,600
JD 918 Rigid.....$ 7,700

PLANTERS - DRILLS

JD 30' Folding Drill w/520 Carrier .....Coming In
JD 8200 18x7 Drill .....Coming In

TILLAGE

Brillion 3 Pt. 10' Chisel Plow.....$ 1,400
IH 55 Folding 16' Chisel Plow.....$ 2,200
JD 845A 3-16 2 Way Plow.....$ 2,900
IH 315 12' Roller Harrow.....$ 2,900
JD 610 25' Chisel Plow $11,500
JD 2500 6/18 Spring Reset Plow .....$ 3,500
JD BWF 18' Disc.....$ 2,200

HAY & HARVESTING

JD 530 Round Baler.....$12,500
JD 1219 Mo/Co.....$ 3,900
JD 1209 Mo/Co. .....$ 2,900
Grimm Super 8' Tedder.....$ 1,295
NH 717 w/Heads.....$ 1,400

MANURE HANDLING

NI 165 Bu. Manure Spreader Single Beater.....Coming In

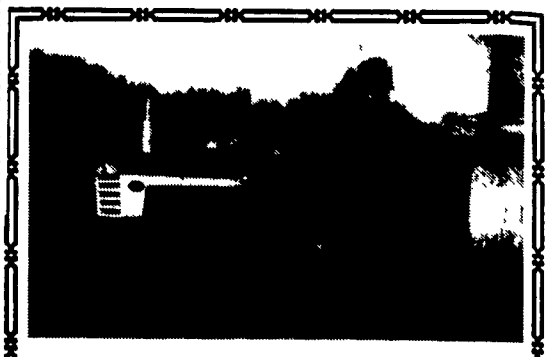
NEW EQUIPMENT

New Tractors In Stock:
JD 3055 2 Wheel w/Cab
3255 MFWD w/Cab
JD 6400 MFWD w/Cab

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

WANTED:
1880 or 1890 NH Forage Harvester, Hydro and Diesel, CAH
Lanc. Co.
717-464-3162

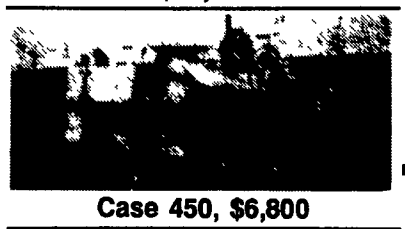
SURGE CROWD GATE
NI 355 550 bu., 15 ton manure spreader, very good condition
609-265-1695



Farmall 560 Diesel
Overhauled Engine, Less Than 100 Hours, 16.9x38 Tires - 80% $3,500
717-549-2485

JD 300B TLB $7,800

JD 555 Rebuilt Trans., New Pins & Bushings $15,000



Case 450, $6,800

1990 Case 1840, Low Hours $10,500/Choice of 2

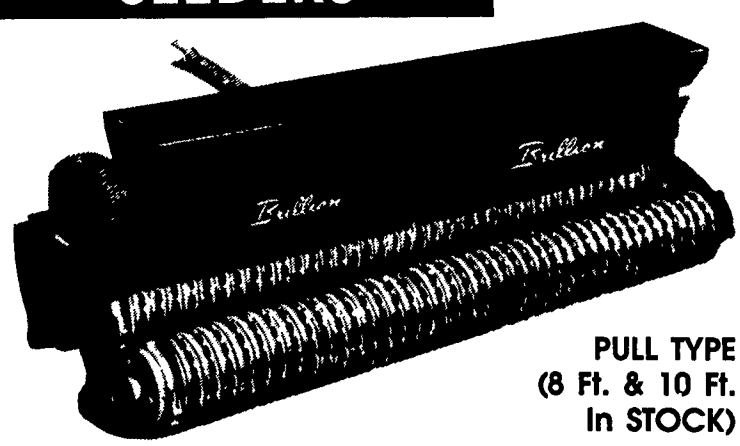
Case 1150B, Crawler Loader, new pins & bushings..$13,000
Cat D8H, Serial #46A17096$24,000
Ford 3500 TLB.....$5,500
JD 310 TLB.....$7,700
Case 1835B skid loader.....$7,500
JD 410 Loader Backhoe....$10,000
JD 300 TLB, rebuilt motor..$6,800
JD 300 Wheel Loader w/3 pt., PTO.....$6,500
JD 350 Crawler Loader $8,000
JD 450 Dozer w/Mechanical 6 Way Blade $5,500
JD 555 Crawler Loader, rebuilt motor, pins & bushings$15,500
Komatsu D65S Crawler Loader.....$10,500

PARTING OUT: IH TD340 CRAWLER LOADER
IH TD9 Crawler Loader w/6 Cylinder Motor w/Turbo

J & F Equipment
(717) 859-3283
No Reasonable Offer Refused
Customs Repairs On All Makes Industrial & Farm Equipment

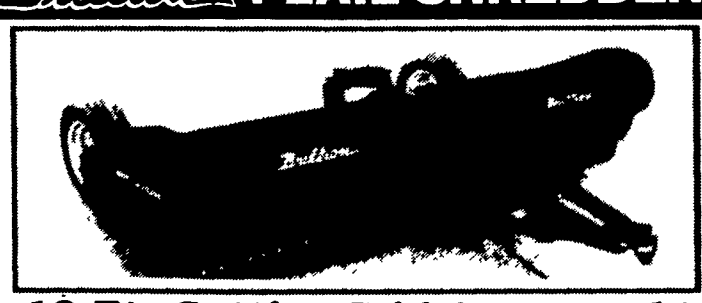
SURE-STAND SEEDERS

Brillion



PULL TYPE (8 Ft. & 10 Ft. In STOCK)

Brillion FLAIL SHREDDERS



12 Ft. Cutting Width In Stock!

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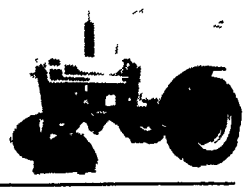
GRUMELLI, INC.
Farm And Industrial Equipment
Quarryville, Pa. 717-786-7318
See Salesmen: Tony Grumelli Clarence Herr Don Fichtner

bobcat
DEUTZ ALLIS

Leaman Tractor Parts



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(Lancaster Co.) 717-464-2874
(Turn Left on Brenneman Rd. from 222 S at Refton)

FEBRUARY SPECIAL
Labor Rate On Complete Center Housing Jobs $99.00
Labor Rate For Complete Tractor T/A Jobs $399.00
(More For Some Cab Tractors)

USED TRACTORS

IH 1486 cab, air, new TA, very nice
1976 IH 1066, cab, air
1976 IH 1066, 2 post ROPS
JD GM runs, needs paint
IH 1256 WF 3 pt., good cond.
IH Super MTA, gas, WF, power steering
IH 1568 cab, air duals, very nice condition
IH 1468 cab, air, very good condition
IH 4156 Cab w/Air, 18x34 Tires, Very Good Condition, PTO Available
Rebuilt Wide Fronts Available To Fit 66 & 86 IH Tractors
JD 1050 MFD w/#75 Loader, 900 Hrs., Excel. Cond. $10,200
JD 730, gas, 3 pt., fender, high speed trans
JD 730 WFE, 3 pt. diesel, elec. start, very good condition
Heagey sprayer, model 647, 318 Chrysler engine, 4 WD, hydro, very low hrs. (Showing some weather)
Complete MFD Axle to fit JD 5020
AC 7020, cab, 3 Valves
MF Model 57, 4 bottom roll over plow, excel. cond.
Loader to fit Farmall H, or Super H

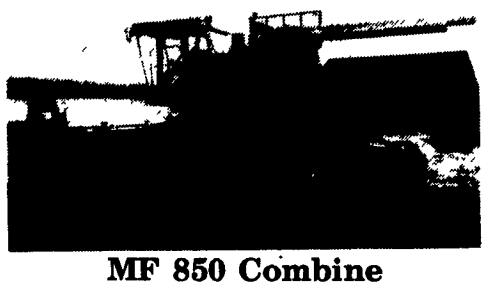
COLLECTORS

JD 6[SOLD] high crop
JD 720 diesel, pony start, high crop
JD 8020 serial #1074, complete, running cond
MH 55 Diesel
MM built by B.F. Avery, very unique
We have coming in several JD Hi-crops Call for models and serial numbers
Case Model 400 diesel hi-crop
1911 Minneapolis 20-45, 1 of 4 known to exist, older restoration

PROJECT TRACTORS

IH 424 gas, 3 pt. WF, needs motor work
JD 620 gas, very straight, needs motor work
AC WD45, needs work

Fax 717-464-4130
DEALER INQUIRIES WELCOMED



MF 850 Combine
2000 Hrs., 18 Ft. Flex Platform,
1163 Corn Head, Excellent Condition
Farmer Owned
$28,000
(301) 694-8624

HOW YOU CAN GET UP TO 15% MORE IN THE BAG WITH THE KELLY RYAN SELF-CLEANING CENTERLINE BAGGER

- Pack more punch from the center with less h.p. for tighter and more uniform bags of feed
- 8' & 9' diameters 2 wh standard (up to 12' by special order)
- ½" cables, 150' and 200'
- No hydraulics. Rust-free, chrome disc mechanical brake
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- Oil bath gearbox & drive chain
- #160 roller chain main rotor drive
- Gearbox 540 or 1000 rpm PTO
- Safety-first, V-belt driven conveyor for side feeding
- Design permits bagging nearly twice as fast as other models
- Adapts quickly for road transport
- Frontload dump hopper available
- 6' Rotor 3-4' above ground
- Many more desirable features

UP NORTH SILAGE BAGS 9 MIL
CUSTOM BAGGING - All Items USA made.
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Dependable farm equipment since 1945

TRACTOR REPAIRS

- We Have Experienced Ford Tractor Mechanics That Specialize In Ford Tractor Repairs -
- We Specialize In Ford Tractors And Have Since 1921
- Call For Quotes

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Ford
KELLER BROS.
RD 7 Box 405
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FOR THE FULL MONTH OF FEBRUARY, 1993

$200.00 Grand Prize

Come in and have donuts and coffee every day during the month of February, 1993.

10% DISCOUNT on all parts and oil in stock or ordered on a stock order, and settled for in February.

There will be $100.00 cash drawing each of the four weeks of February, based on your sales slip number; and a $200.00 Grand Prize for the purchase of the highest dollar amount for parts and supplies during the total month of February.

$100.00 Cash Drawing

So, buy all your parts and supplies each week; get the DISCOUNT, plus a chance to win the $100.00 and $200.00.

Ford Credit

Ford FORD NEW HOLLAND

Specials

	Reg.	Cash Sale Price
• Ford 8 HP Lawn Tractor w/38" Mower	$1995	$1000
• Ford 1720 Tractor, 2WD		$ 7,500
• Ford 2120 Tractor, 4WD		$10,500
• Ford ST524B Snow Thrower	$ 775	$ 575
• Ford 917H Flail Mower 74"	$2699	$1850
• Ford 917L Flail Mower 60"	$1712	$1075
• Ford 702C Front Blade	$1750	$ 900
• NH 451 7 Ft. Mower	$3700	$2400

Financing Available

S.G. LEWIS & SONS, INC.
N. Jennersville Rd.
West Grove, PA 19390
(215) 869-9440

Pixall Sweet Corn Harvester, pull type, shed kept, less than 200 acres, extra parts, excellent condition, $6,500
Bauer Irrigation Reel, 755 hard hose w/150 Nelson gas, Model #12529OD, Ready for field use, $8,500
Ford Irrigation Pump, gas, 6"x5", recently overhauled, very dependable, $850
Irrigation pipe: 50 pieces, Wade, 6"x20', $1,500; 40 pieces Wade 5"x30', $1,500; 40 pieces aluminum 2"x40', $800
Call
410/756-4397
(MD)

JD 6620 Combine w/215 Flex Head, 2680 Hrs., 28L-26 Tires, Very Good Condition, Field Ready
$21,500 OBO

JD 4020 Tractor WF, dual remotes 1002 hours on motor, tires 70%, new paint
$8,500

NH 1495 Self-Propelled Haybine, 12' Head, Diesel, Air Conditioned, Hydrostatic, Very Good Condition, New Paint
$12,500

NH Super 1049 Stack Cruiser, 160 Bale, Air Ride Seat, New Paint, 361 Gas Motor, Excellent Condition
$19,500
410-275-2605

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NEW:
- MF 362 Tractor
- MF 1030 Tractor
- MF 1035 Tractor
- MF 10[SOLD]tor
- MF 399 Tractor
- MF 375 Tractor
- MF 240 Tractor

Lawn & Garden
- MF 212 Tractor
- MF 214 Tractor
- MF 218 Tractor

USED:
- Ford 545A Tractor/Loader
- Case 480D Tractor/Loader
- MF 35 Tractor w/Loader
- Ford 1600 Tractor w/Mower
- MF 35 Tractor
- MF 202 Tractor/Loader
- NH 8 HP Lawn/Mower
- S650G Satoh Tractor
- Ford 145 Lawn Mower
- AC 840C Loader
- Hawk-Built Tank Spreader
- IH 100 7-Ft. Mower
- 7-Ft. Rear Blade
- MF 6 Ft. Rotary Cutter
- Ford 530 Baler
- NH 310 Baler
- JD 12' Disc Harrow
- JD 450 Hydro Push Spreader
- (2) IH 120 Forage Boxes
- NH 256 Rake
- NH 900 Chopper w/Pkp.
- (2) Disc Mowers - All Sizes

MISCELLANEOUS

1973 Ford 8000 Truck Tractor, 1160 Cat diesel, used last 8 years in our business, has wet line, recent inspection and good rubber
(1) Used Cold Delco Hi-Pres. Washer, Approx. 1200 PSI, $875, Nice
Used Engine Block For JD 5010
(1) Complete Rebuilt JD 4219 Dsl. Eng.
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
1 Set of Pallet Forks
354 Perkins Engine Parts
16.9x34 new tires
(1) 12' 3 Pt. Power Rotary Hoe

NEW WHITE TRACTORS

White 145 4WD
White 6065 4WD
Duals to fit White 170 or 195 20.8Rx42 used 40 hrs.
White 6105 4WD w/ Cab
White 1[SOLD]VD w/ duals

TILLAGE

(1) White 6342 4 Bottom Roll Over Plow
1 Used Kewanee 273 Field Cultivator, 18' Nice
New White 256 disc, 12'8"
New WFE 6342 3 btm roll-over plow
New Kewanee 1175 disc, 18' SPECIAL PRICE
Used Kewanee 775 disc, 14', new in Spring 1991
1 Used Brady field cultivator w/rake, 13'

HARVESTING EQUIPMENT

(1) Used JD 1219 Mower Conditioner, like new, coming in
New Hay Tedders
New Bale Wagons

PLANTERS

1 Used White 5100 4R Corn planter, liquid
(1) Used AC 600 4R

KÄRCHER
High-Pressure Washers.

The #1 Line Of Pressure Washers In The U.S.A. They Have Features
Reliability & Longevity That The Competition Can't Touch

USED TRACTORS

JD 4230, cab, sharp
JD 4430, Cab, sharp
JD 4020, side console, WF
IH 1466 black stripe fender tractor, sharp
(1) Ford 4000 Diesel, Select-O-Speed 13.6x38 Rear Tires
(1) Ford 7000 Diesel, 15.5x38 Rear Tires
JD 414 Power unit w/clutch & shut down switches
1989 JD 2555, 4WD, w/loader, excellent, 410 hrs.
1987 White 2-135 Series 3, 4WD w/cab, 1300 original hrs., excellent

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IH 250 Backhoe, 1700 hours, excellent condition

Van Dale 3000 gal. liquid manure spreader
IH 430 Baler
IH 424 w/new Kelly loader
IH 544 gas hydro
IH 656 gas utility
IH 656 gas hydro
IH 656 gas
IH 686 ROPS
IH 756D, WFE, 3 pt.
IH 806D, NFE
IH 966 fender
IH 966 fender w/roll guard
Farmall 400D
Ford 9N
JD 4230 w/cab & air
JD 2010D
MF 165D
MF 180D
Oliver 1650G, NFE w/ roll guard, overhauled
Oliver 1755D, WFE, cab
IH 510 drill
IH 241 Round Baler
IH 400 air corn planter
NH manure spreader
NH 850 round baler
Gleaner M2 combine
JD 4400 combine

USED EQUIPMENT SALE

New Holland 90 Bale Staker, New Holland 320 Square Baler w/Thrower, John Deere RG4 Cultivator, JD 10-Foot Disc Harrow, AC Model 2600 Disc Harrow 23 ft., MF Model 520 Disc 10'5", Gehl TR3038 Corn Head, AC 3R38 Snapper Head, IH 1700 Loadstar w/ Daffin Grinder, Hesston 7140 Forage Harvester, Gehl CB800 Forage Harvester, NH 38 Flail Chopper, Hesston 60-66 Tractor, 2WD w/L330 Loader, Ford Versatile Model 256 Bi-Directional Tractor, Hesston 1095 Mower Conditioner, NH 469 Haybine, Gehl MC2140 Mower Conditioner, Hesston PT-7 Mower Conditioner, NH 495 Haybine, Deutz-Allis SM70RC Disc Mower Conditioner, Zimmerman 12-Ton Tandem Gear, Hesston 10 Stakhand, Hesston 160-90 Tractor, 4WD, Cab, Air, Powershift, 607 Hrs.; MF 135 Tractor, Moline A4T-1400 Tractor, 10' Springtooth Harrow.

Stop by or call for details and pricing.

D.W. OGG

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(Mt. Zion Rd. Exit off 340)
Frederick, Maryland 21701

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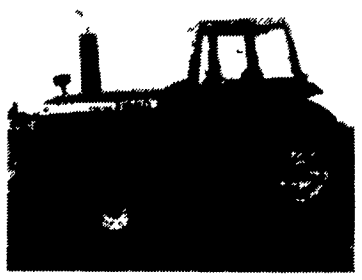

1981 Ford TW20

CAH 20-38 New, Dual Power, Dual PTO, 3 Remotes, Redone Inside and Out

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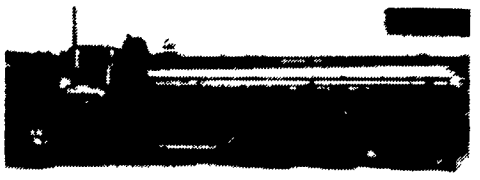
J & L Equipment

St. Thomas, PA
717-369-2637



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John Deere 16 Ft., 4 Section Drag Harrow
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John Deere 503, 3 Pt. 5 Ft. Rotary Cutter
John Deere 606, 3 Pt. 6 Ft. Rotary Cutter
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Ford 4000D, S.U., 8 speed
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Ford TW20, 4WD, Cab, Air, Dual Power & Weights
Ford 7610 4WD Dual Power, ROPS, w/Canopy
Ford 2810 Series 2, 8 Spd. w/Loader
Ford 3600, 8 Speed, PS
Ford 8N, Rebuilt And Repainted
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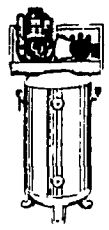

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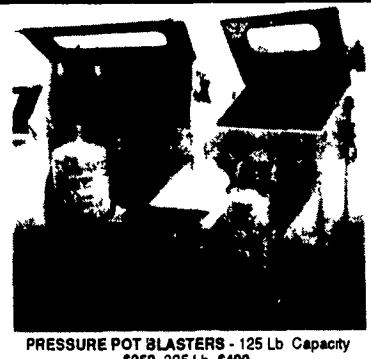

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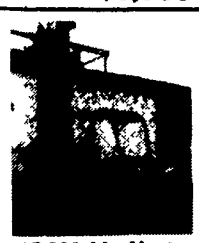

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(2) Case 2670
Case 1845C Skid Steer
Case IH 495
ST PT350
(2) ST 251
ST Panther II
JD 4630
(2) JD 4430
JD 2940 MFD
Ford Dexta
Versatile 256
AC 6140

DISCS

AC 2600, 26'
AC 2500 16'
BH 16'
Case 18'
Case 30'
IH 496, 22'
IH 470 15'
IH 770 Off Set, 26'
KR 4926A, 22'6"
KR 4927, 25'
KR 2440
KR 4907 25'
KR 1966 31'
(2) KR 1927, 25'
Oliver 12'
JD 14'
JD 235, 18'
JD 210, 15'
JD 230, 20'
JD 310, 16'

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JD 22' Field Cultivator
KR 4129 42' Field Cultivator
(2) KR 3131 Landsman
KR 4100 37' Field Cultivator
KR 3121 Landsman
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IH 165 Plow 4x18 Rollover
IH 700 Plow 8x16 OL
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IH 700 7x16 Plow
Athens 156 Chisel Plow
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JD 5x18 Plow
JD 2800 8 Bottom Vari Width
KR 2321 Chisel Plow, 24'
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BR 14' Cultimulcher
BR 25' Cultimulcher
BR 12' N Cultimulcher
BR 25' CF Packer
BR TP18 Packer
IH 153 Cultivator, 4 Row

MISCELLANEOUS

AC 333 15 Row Planter
GP 24' Conventional Drill
CI 5400 No-Till Drill
CI 5300 Drill, 24x6 w/cultiplanter
CI 5100 Drill, 24x6
John Blue 500 Gal. Sprayer
JD 8300 Drill, 21x7
JD 27 Shredder 15'
JD 158 Loader
JD 8000 Drill, 21x7
IH 5100 Drill. 21x7
KR 5215 Drill, 15'
NH 352 Grinder Mixer
NH 354 Grinder Mixer

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CI 8580 Baler
Hesston 4900 Baler
NH 56 Rake
NH 90 Bale Stacker
MF 560 Round Baler

COMBINES

Case IH 1460
Case IH 1480
IH 1440
IH 1460
IH 1480
JD 4400
(3) JD 6620
JD 7720 4WD
JD 7720
JD 8820 Titan II
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MF 760
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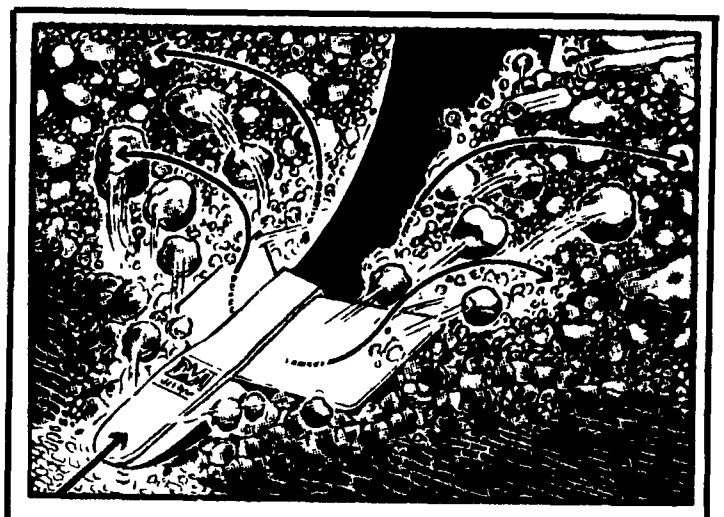

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CIH 9170, 3965 Hrs , 20 8x42-20%, w/3 Pt (W6680)
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Steiger ST225 Tractor 4WD, 4 Hyd Valves, 20 8x34 Tires, Clamp-On Duals, Cab w/AC, Heat & Radio (W7109)
Steiger ST251, Diesel, 20 8x38 And Duals, Cab w/AC, Heat & Radio (W7227)

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AC 8030, 4WD, WTE, 540/1000 PTO, Powershift, 14 9x28 & 18 4x34 w/Westendorf WL64 Loader & 72" Bucket w/Grapple (W7092)
Case 1370, Diesel, WTE, 2 Hyd Valves, 1000 PTO, 3 Pt Hitch, 11 00x16 & 20 8x38, ROPS (W7394)
CIH 7110 MFD Tractor, 1990, 3 Hyd Valves, 540/1000 PTO, 14 9x30 and 18 4Rx42 Tires, Cab w/AC, Heat & Radio, Toolbox (W7342)
IH 1086, 1977, 2WD, WFE, 11 00x16 & 18 4x38, Cab w/AC, Heat & Radio, Dual PTO (W7309)
IH 1466, Dual PTO, 3 Pt Hitch, 11 00x16 & 20 8x38 w/Duals, Cab w/AC, Heat & Radio, 6 Mo Warranty On Engine, Clutch, IA & Drive Tran , Excluding Travel Time (W6962)
IH 1586 Tractor, 2WD, Dual PTO, 3 Pt Hitch, 14Lx16 and 20 8x38 Tires w/Duals, Cab w/AC (W7435)
JD 4630, 2 WD, 2 Hydr Valves, 1000 PTO, 11 00x16 & 20 8x38 w/Duals, Cab With A/C, Heat & Radio (W6934)
CIH 7120, 2WD Tractor, 1989, 1300 Hrs , 4 Spd , Reverse, 14Lx16.1 and 20 8x38 Tires, 12 Wts Deluxe Cab, Toolbox (W7547)

80 to 130 Horsepower

AC 6080, 2 WD, 540 RPM PTO, 9.5Lx15 & 18 4x28 Tires, Cab w/AC, Heat, Radio (W6054)
JD 4430, Diesel, 2WD, WFE, 540/1000 PTO, 18 4x38 Rear Tires, Cab w/AC & Heat, Quad Range Trans (W7054)
JD 2940 Tractor, 4WD, Dual PTO, 2 Hyd Valves, 3 Pt Hitch, 13 6x24 & 18 4x38 Tires w/260 Loader (W7421)

Under 80 Horsepower

IH 656, Farmall, NTE, 3 Pt Hitch, 6 00x16 & 15 5x38 (W7365)
IH 666, Gas, T/A, 540 PTO, 3 Pt Hitch, WFE, 15 5x38 Rear Tires (W7240)
IH 460 Farmall Tractor - Gas, NFE, Fast Hitch, 1 Hyd Valve, 540 PTO (W7566)
IH 240 Farmall Tractor, NFE, 7' Rear Blade (W7555)
IH 544 Tractor, Hydro Row Crop, WFE, 7 5Lx15 and 15 5x38 Tires, Square Fenders (W7540)
IH 674, Row Crop, WFE, 2WD, 540 PTO, w/2250 Loader & 60" Fork (W7584)
IH 574, 2WD, WFE, 540 PTO, 3 Pt. Hitch, 7 50x16 & 16 9x30 (W7606)
IH 706 Tractor, Gas, 3 Pt Hitch, 18 4x38 Rear Tires (W7519)
JD 2440 Diesel, 8-4 Gear, 540 PTO, 3 Pt Hitch, 11Lx15 & 15 5x38 (W7399)

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Bush Hog 1560 Chisel, 15 Shank, 19 5' Spring Cushion, 4" Twisted Teeth (T7083)
IH 55 Chisel, 27', 10" Spacing Front & Rear, C-Shank, Spring Trip, Walking Tandems, 3" Teeth (T7228)
IH 55 Chisel, 10 Tooth, 10'5", 12" Spacing, C-Shank, Spring Trip (T7329)
Tailorway Chisel, 10 Shank (T7170)
IH 315 Cultimulcher, 12', 19" Notched Rollers, w/Cylinder & Hoses (T6894)
IH 315 Cultimulcher, 13'2", C-Shank, 14" Packer Wheels (T7330)
AC 20' Field Cultivator, Folding (T6826)
Brillion Field Cultivator, 22' Swath (T5193)
Hiniker 23' Field Cultivator, Hyd Fold, 12' Transport, Cushioned C-Shanks, 6" Spacing (T7311)
Krause 4133 Field Cultivator, 37' (T6863)
Wil-Rich Field Cultivator, 30' Swath (T6517)
Sunflower 25' Field Finisher, Cushion Shank, Tine Drag, 2 Yr Old, Disc & Paint Excellent (T6663)
JD 220 Disc, Single-Fold, Flexwing, 18' Cut, 9" Spacing, Blades 20" FT & 21" RR, Scrapers (T6079)
Krause 2440 "Rockflex" Disc, 30' Cut, 9" Ft 10" Rr Spacing, Scrapers (T6170)
Krause 2416 "Rockflex" Disc, 26', 20" Blades Front, 22" Blades Rear (T6924)
Krause 2416 "Rockflex" Disc, 26' Cut, 24" Blades (T6131)
Krause 2416 "Rockflex" Disc, 26' Cut, 9" Frt & 10" Rr Spacing (T6495)
Krause 2416 "Rockflex" Disc 23' Cut Blades Fr 20", Rr, 22" (T5858)
Krause 1577A Disc, 18' 9" Spacing Front & Rear, 22" Blades Front & Rear, Rockflex (T7076)
Miller Disc, 28' Cut, 9 5" Front & 10 5" Rear Spacing, Rockflex, Scrapers (T6160)
Rhino 77 Disc 12' Rockflex, 19½ " Blades (T6806)
Brillion 19' Packer, X-Fold, 18" Cast Notched Wheels, Duals (T7370)
Brillion 28' Packer 11Lx15 Duals, 20" Notched Wheels, New Bearings (T7090)
Dunham-Lehr 42 Packer, 25' Flat Fold, Duals (T7363)
Brady Chisel Plow, 10' (T6483)
Chem Farms 17' Chisel Plow, Folding w/High Clearance Spring Cushion Shanks, Green (T7134)
IH 710 Plow 6-18", Auto Reset, Semi-Mounted (T6813)
IH 800 Plow, Flex Frame, Toggle Trip, 9F-18" (T7251)
JD 2500 Plow, 7x18" Bottoms, Auto Reset, Coulters (T6320)
Glencoe Chisel Plow, 9 Shank (T7489)
Krause 4515 Chisel Plow (T7155)
IH 510 Disc, 16', 10" Spacing, 22" Blades (T7542)
Krause 4300 Chisel, 22' Heavy Frame, 25 Shanks (T7507)
IH 710 Plow, 4-18", Semi-Mounted, Good Cond (T7512)

USED PLANTERS & DRILLS

Great Plains 30' Drill, Folding (V6947)
Great Plains 15' Drill w/Pull Caddy, Needs Blades In Front, 4" Press Wheels (V6677)
JD 18x7 Drill, Single Disc (V7602)
Tye Drill, 10' No-Till (V7583)

USED HAY & FORAGE

NH 1038 Bale Handler, Good Cond. (U7145)
NH 269 Baler w/Wisconsin Engine (U7138)
MF 124 Baler With Engine (U6789)
NH 273 Baler (U7000)
NH 565 Baler w/Wisconsin Engine, Steel Whls, Engine Overhauled (U7141)
NH 30 Blower, 1000 RPM, Good Cond (U6978)
Bush Hog 207 Mower, 3 Pt. (U7172)
IH 100 Mower, 7' Sickle Bar, Fast Hitch (U7413)
Woods 120 Mower, 10' Offset (U6970)
CIH 75 Windrower, 18', Pull Type (U6989)
Woods C114 Mower, 9½ ' Cut, Belt Driven, 540 PTO, (U7529)
IH #60 Shredder, 6 Row (U7551)
Woods 120 Mower, Pull Type (U7509)
Unverferth RA220 Bale Wrapper, 3 Pt. (U5605)

MISCELLANEOUS

Myers 6' Snow Blade, Rotating (V6942)
FMC Sprayer, DM10E100F, Briggs Engine (V5749)
John Blue 400 Gal Sprayer Traler, Alum. Tank, L-4000 Pump (V6820)
John Deere #37 Loader w/40" Bucket (W7532)

USED COMBINES

AC F2, Gear, 2WD, w/Rocktrap, 18 4x26 & 11Lx16, Cab w/AC & Heat, w/13' Rigid Platform & 4 Row Narrow Cornhead (U7241)
Case IH 1660 Combine, 1987, 2180 Hrs , 2WD, Hydro w/AHC, Cab w/AC, Heat, Radio, 30 5x32 Tires (U7501)
Case IH 1680 Combine, 1989, 1100 Hrs , 30 5x32 and 18 4x16 1 Tires w/AHC, Feeder-Reverser, GL Monitor, Specialty Rotor, 2 WD (U7550)
IH 205 Combine, Gas w/2 Row Cornhead, & Rigid Platform (U6749)
IH 1440, 2400 Hr., Hydro, Cab w/AC, Heat & Radio, 28 5x26 Tires, Standard Rotor (U7361)
IH 1440 Combine 1978, 2WD, Hydro, 23.1x26 and 18 4 x 16 1 Tires, Cab w/AC, Heat & Radio, w/AHHC (U7068)
IH 1440 Combine 1979, 1800 Hrs , 23.1x26 and 11 00x16 Tires, Cab w/AC, Heat, Radio, w/AHHC (U7504)
IH 1460, 1982, 2850 Hrs., 4WD, Hydro, Cab w/AC, Heat, Radio, AHHC, 30.5x32 & 14 9x24 (U7598)
JD 7720, 1981, Hydro, 4 WD, 30 5x32 & 16.7x26 Tires w/Chopper (U7154)
JD 7700, 1978 w/216-16' Platform & 643 Cornhead (U7350)
JD 6600, Sidehill, Hydro, 28Lx26, w/215 Flex Platform & 643 Cornhead (U7474)
JD 6620, 1981 3180 Hrs, Hydro, 28Lx26 Tires w/215 Platform (U7343)
JD 6620 Sidehill, 2WD, 28Lx26 & 11.00x15, AHHC, Cab w/AC & Radio (U7065)
JD 6620 Titan II Side Hill, 1988 2200 Hrs , 4WD w/Chopper, 915 Flex Platform (U6687)
MF 860, 1981 w/18' Flex Platform, 2 WD (U6668)

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7120	150	505 Turbo (8.27L)	18F/4R*	540/1000
7130	170	505 Turbo (8.27L)	18F/4R*	1000
7140	195	504 Turbo w/After-Cooler (8.27L)	18F/4R*	1000
7150	215	505 Wastegate Turbo Aftercooler (8.27L)	18F/4R*	1000

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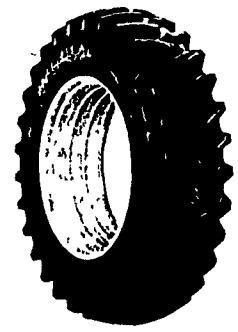

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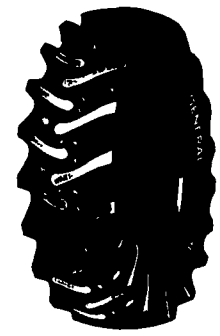

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13.6x38	6	$245.00
14.9x28	6	$230.00
14.9x38	6	$262.00
15.5x38	6	$278.00
16.9x28	6	$275.00
16.9x38	6	$355.00
16.9x38	8	$390.00
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18.4x34	6	$362.00
18.4x34	8	$405.00
18.4x38	6	$405.00
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JD 2840 Tractor
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JD 2640 Tractor w/Loader
JD 3010 Tractor
JD 3010 Tractor Gas
JD 3010 Tractor, WF
JD 1650 Tractor w/Loader

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NI 456 Round Baler
JD 1209 Mower Conditioner
JD 1209 Mower Cond. w/ Kwik-Cut Knife
NH 489 Mower Conditioner
NI 279 Cutditioner, 540 PTO
NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
NH 890 Forage Harvester w/5¼ ' Pickup & 2 Row Wide
Vicon KM 281 Disc Mower Conditioner

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JD 315 Disc, Like New
Used JD 8250 Grain Drill
Krause No-Till Drill, 13'
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JD 220 Flex Platform
JD 3300, Gas Combine w/10' Platform

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JD 3 Bottom Plow
JD 230 Disc Wingfold
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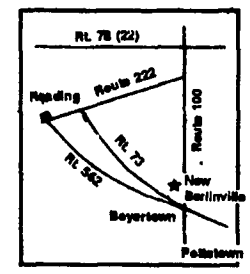

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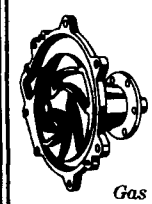

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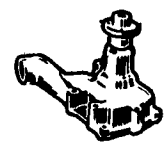

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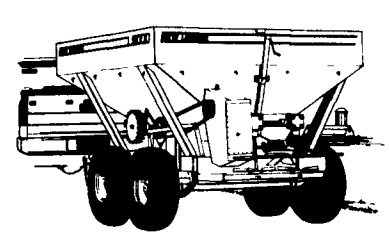

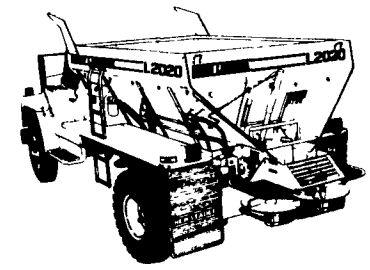

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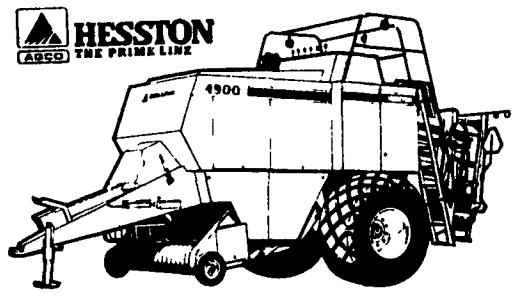

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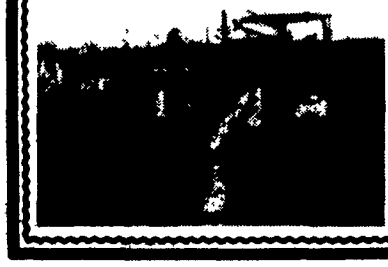

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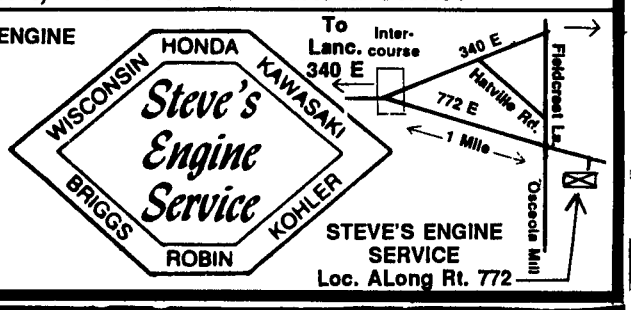

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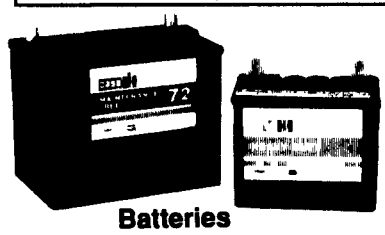
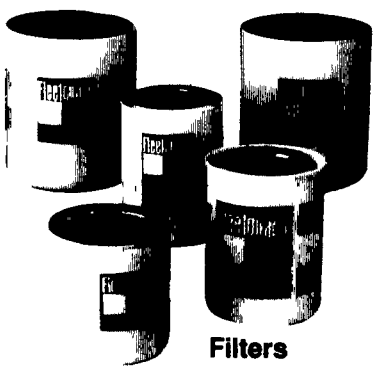


Batteries



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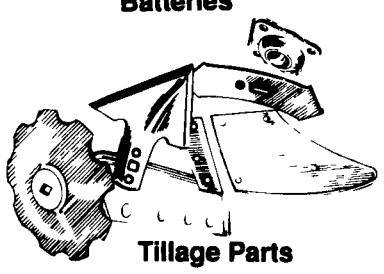

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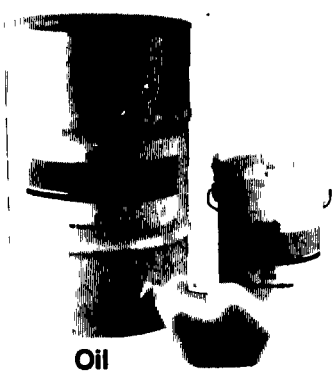

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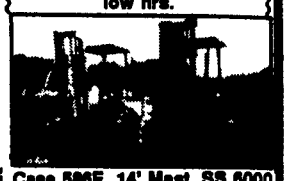
Kubota Snow Plow Tractor, L2550, 25 HP Diesel, 938 Hrs., 7' Meyer P/A Snow Plow

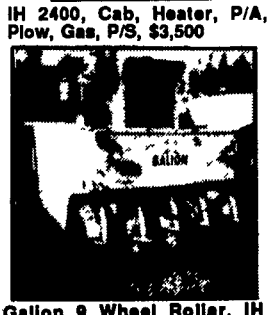
1980 Gradall G-440, Diesel Up & Down, Remote, Excellent Cond.

(2) Gallon 10-14 Ton Tandem, IH Gas, Hydrostatic, Good Cond.
Gallon 10 Ton 3 Whl.



Case 586E, 14' Mast, SS 6000 Lb. Cap, New Rubber, Good Cond. $17,500
Case 584D, 21' Mast, SS, 4,000 Lb. Cap, New Rubber, Excellent Cond. $15,500

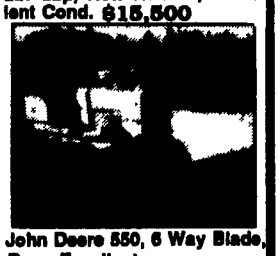
IH 2400, Cab, Heater, P/A, Plow, Gas, P/S, $3,500



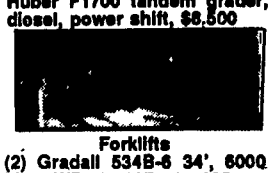
Gallon 9 Wheel Roller, IH Diesel, Reverser Trans, Low Hours, Good Cond. $6,500
1989 Mauldin, 4 ton, art, DD drive, vibratory, gas $6,995
Gallon 3 whl., 6 ton, gas engine
Gallon 10-12 ton tandem roller gas

Austin Western Pacer 300 AWD, AWS, 4-71 GM Diesel Front Scarifier, Front Plow Hitch, Good Cond. $5,950
Huber F1700 tandem grader, diesel, power shift, $8,500

Huber Maintainers
"We Got 'Em"
(1) M-650, Ford Diesel, Front Blade, Wide Tires, ROPS.
(2) M-600, Ford gas, front blade
(1) M-500, Cont. Gas, Front Blade, Wide Tires.

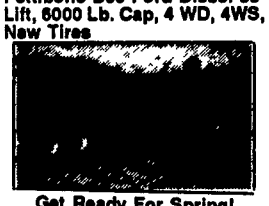


John Deere 550, 6 Way Blade, Runs Excellent

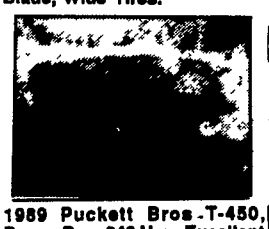


Forklifts
(2) Gradall 534B-6 34', 6000 Lb., 4WD 1) 1987, 1) 1985 Pettibone B66 Ford Diesel 33' Lift, 6000 Lb. Cap, 4 WD, 4WS, New Tires

Austin Western Pacer 200 Cummins Diesel, AWD, AWS, Front Plow & Wing Plow



Get Ready For Spring!
New Custom Trailers Arriving Now



1989 Puckett Bros.-T-450, Power Box, 646 Hrs., Excellent Cond.
$9,900

1989 Shinniu Tractor, New Never Sold, 24 HP Diesel, PTO, 3 Pt., Lights, Parts Available

---

Best Buys In Used Equipment

TRACTORS

R03432 JD 8640 4WD	$27,500.00
R05071 IH 5488 2WD	$29,500.00
R09231 IH 5288 2WD	$24,500.00
R03181 IH 1586 2WD New TA/Paint	$14,500.00
R01292 IH 1586 2WD	$18,000.00
R01321 IH 5088 2WD	$22,500.00
R12059 IH 1086 2WD	$15,000.00
R07052 IH 1086 2WD New TA	$16,500.00
R03502 IH 385 MFD	$8,900.00
R02062 IH 674 Gas	$6,900.00
X06392 Case/IH 1825 Unloader 353 hrs	$6,900.00

COMBINES

X10311 IH 1480 2WD rebuilt specialty rotor w/1020 GH 20'	$64,500.00
X01301 IH 1480 2 WD specialty rotor, 938 hrs	$47,500.00
X08090 IH 1480 AWD	$34,500.00
X06392 IH 1460 AWD	$21,500.00
X06202 JD 7720 Titan II 2WD w/920 GH	$57,500.00
X10072 NH TR85 AWD w/972 GH/962 4RW CH	$27,500.00
X10092 MF 760 AWD w/16' GH	$13,500.00
X01331 JD 7720 AWD w/220 20' GH	$47,500.00
X07261 JD 7720 AWD w/218 CH	$33,500.00
X06271 MF 750 2WD w/543 16' GH	$10,500.00
X11022 MF 550 2WD w/9013 13' GH/43 4RN CH	$12,500.00
X10062 NH TR85 AWD w/972 GH	$21,000.00
X07140 IH 815 w/700 GH	$3,900.00
X10192 IH 17.5' GH	$2,100.00

Large Selection Of Low Hour Current Model Machines

(2) 9170 4WD	(3) 7140 MFD's	(2) 7120 MFD's
(1) 9720 4WD	(2) 7130 MFD's	(2) 1680 2WD, 1992

(4) 1680 AWD, (1) 1986 (3) 1991
Call for details - Ask for Bobby

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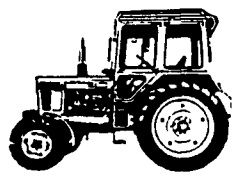

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31 hp - 100 hp

Sensible Down-To-Earth Tractors

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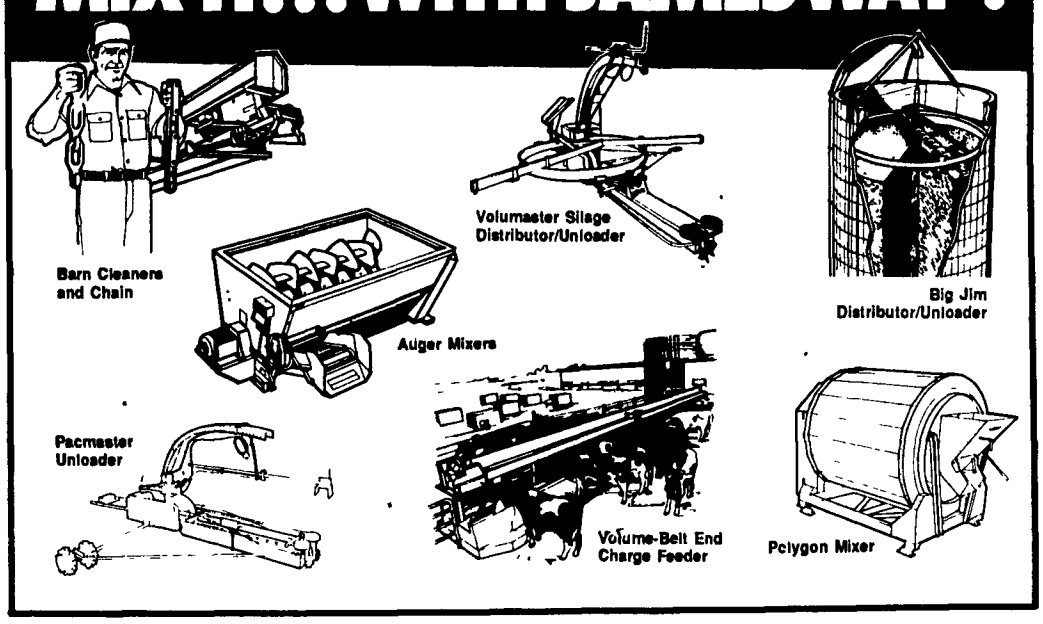
Watsontown, PA 17777

Call For Excellent Prices!

Any & All Coupons Expire March 1, 1993

UNLOAD IT, FEED IT, MOVE IT MIX IT...WITH JAMESWAY®!



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or 717-742-4226

Watsontown, PA 17777
Exit 31, I-80 to I-180 Watsontown Exit
Hours Mon-Fri 8 to 5, Sat. 8 to 12

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Smith's Implements, Inc.

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USED TRACTORS

IH 1086 Tractor w/cab, 20.8x38 tires, dual hyd. outlets, one owner, 3350 hours ..... **Call For Details**

★ JD 2350 Tractor 2WD, Hi-Lo Trans, Dual Outlets ..... **Reduced ★ $11,500**

HAY & FORAGE EQUIP.

JD 1327 Rotary disc mower conditioner ..... **Coming In, Call For Details**

JD 430 round baler w/large high flotation tires ..... **Call For Details**

JD 1209 w/non-clog guards **$1,800**

JD 5460 self-propelled forage harvester w/power rear wheel assist, one owner w/JD dura drum cutter head ..... **Call For Details**

JD 1600 12' swing arm mower conditioner, 2 years old, coming in ..... **Call For Details**

JD 5730 self-propelled forage harvester, 1987 model, metal detector and spout track ..... **Call For Details**

★ JD 3800 Forage Harvestor ..... **★ $900**

JD 7' Hay pickup head w/gauge wheels ..... **Call For details**

★ JD 714 Forage Wagon w/third beater w/JD 1275 tandem running gear ..... **★ $4,000**

★ JD 3960 Forage Harvester w/Long Tongue, Manual Controls, Made Field Ready! ..... **★ $6,600**

★ NH #8 Forage wagon w/tandem action running gear, good condition ..... **★ $2,000**

★ Case 330 square baler w/thrower ..... **★ $550**

Gehl Model BH1500 3 pt. hitch round bale mover **$1,100**

★ JD 343 Snapper Head for combine or forage harvester ..... **★ $1,800**

PLANTING EQUIPMENT

JD 7000 6 row conservation corn planter w/dry fertilizer and many extras, coming in ..... **Call For details**

★ AC 333 4R no-till corn planter ..... **★ $1,700**

MISC.

★ JD 2500, 5X plow w/6X that can be attached, spring reset, semi mount ..... **★ $4,200**

JD 450 Hydro push manure spreader w/high flotation tires & hydraulic end gate ..... **Call For Details**

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Sales, Service & Parts For AGCO Allis, Kubota, Long, New Idea, Hesston, Bush Hog And Bandit Chippers

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WE SHIP PARTS DAILY BY UPS.

Hours: 8-5 Mon.-Sat.

TEST DRIVE One Of These In Our Yard

HI CLEARANCE: Ford 2000, Farmall Super A.
AC: 7010 w/Cab, PS; 7000 w/Cab; 6080 w/Cab; 6080 w/ ROPS & Sunroof, 6060; 5040 w/Ldr.; 200 w/Cab; 190XT Diesel; 185 Diesel, 180 Diesel; 170G; D12; D10 w/Woods L159 Mower. **Farmall:** 686 Diesel, 806.
CASE: 385 Utility Tractor w/Hydraulic Drive Sickle Bar Mower, 1175

DEUTZ: 7085 w/Cab 2WD; DX140 w/Cab, DX90 4WD. **FORD:** 5000 D, 4000 w/Ldr., 3000 w/Ldr., 8N's, 540A w/ Cab, 335 w/Ldr. & Cab - 641 w/Rotary Mower. **KUBOTA:** M7950DT 4WD w/Cab; M8950DT 4WD w/Cab; B8200 4WD w/Loader; B7100 TLB, M5500 w/Ldr **IHC:** 140 w/ Cultivator, 184 w/Woods Belly Mower, 806, 544 w/Ldr., 340, Super H; **Massey:** 135 w/Ldr. **Massey Harris:** 444. **JD:** 3010 Gas.

CHECK OUT Our Tillage Equip.

TANDEM DISCS:
IHC: 350 Smoothing 14 Ft.; 37 Smoothing 14 Ft.
WHITE: 13 Ft.
BUSH HOG: 12 Ft.; 14 Ft. Plowing; 13 Ft. Smoothing
AC: 2300 10 Ft.
MASSEY FERGUSON: 10 Ft. Leveling, 12 Ft. Smoothing.
KEWANEE: 800 Super Flex 14 Ft., 18 Ft & 13 Ft. Rock Flex
JD: RWA 13 Ft Smoothing; BWA 12 Ft Smoothing.
OFFSET PLOWING DISCS:
BH: 12 Ft Reconditioned
MILLER: 11 Ft. 3 Bar, 14 Ft
KEWANEE: 12 Ft Demo.
JD: 14 Ft. 340 Rebuilt ; TWA 10 Ft
ATHENS: 11 Ft. Tandem.
PLOWS:
JD: 2800 7 Bottom On Land Hitch Reset, 2500 5X Semi-Mount Reset; 3600 4X And 5X Spring Reset Trailer
IHC: On Land Hitch 710 6X; 720 8X; 720 6X, 735 Variable 5X
7-14 Shank 3 Pt. Chisel Plows.
Brillion 16 Ft. And 18 Ft. (Danish Tine) Spring Tooth Harrows
BRILLION: 9 Shank Soil Saver
7-14 Shank 3 Pth. & Trailer Chisel Plows.

SPECIAL

New Left Over
Deutz Allis 6 Row
No-Til Planter
Call For Super Low Price!

HAY & FORAGE

HAYBINES:
NEW IDEA: 270, 272 Cut/Ditioners
NH: 472, 479, 489. **GEHL:** 1070
HESSTON: 1070, 1071, 1090, 1014 Hyd Swing.
DISCBINES: **DEUTZ:** SM70.
BALERS: **HESSTON:** 4600 w/Thrower.
N.H.: 847 Round Balers. **GEHL:** 1500 Round **D/A:** HD 490 w/Thrower. **N.I.:** 483, 484 Round Baler, Demo. ***FORAGE HARVESTERS:*** **HESSTON:** 2000-100, 2000-150, 7020 w/Your Choice Of Heads, 7140, JD 3800; Forage Box & Gear.
LARGE SELECTION OF PICK-UP & CORN HEADS. CALL FOR YOUR NEEDS.
GRINDERS/MIXERS: Bearcat 1250A; Gehl 65 MX.
FLAIL CHOPPERS: **N.H.:** 38. ***FORAGE BLOWERS:*** **N.I.:** 620, 622; Gehl Blower w/Re-Cutter
NI Rakes; Fahr Four Star Centepede Tedders; New Deutz Fahr KS 2.60 Dual Rotary Rake w/Hyd Fold For Easy Transport 19½ ' Working Width.
10'x24' Tandem Axle Hydraulic Dumping Round Bale Hauling Trailer.
Equipment For High Moisture Corn, McKee Corn Hog, Kool Regrinder Blower.
White Top Harvester Silo, 20x32 w/Unloader, Torn Down Ready To Load. Delivery Available

STOP And Check Our Selection Of Manure Equipment

LIQUID: 3000 Gallon Vandale Vacuum Pressure Liquid Spreader For Truck Mounting; Hawkbilt 3220 Gallon, H/M 2900 Gallon, 2400, Scavenger; Betterbilt 1500 Gallon; Clay Honey Wagon Vacuum.
Several NI And NH Box Spreaders, Various Sizes. Barrel Spreaders - NH 668, JD 465.

INDUSTRIAL

TRACTOR/LOADER/BACKHOES: Case 480, 580, 580B, AC 715 C, Ford 3550, York Grader (Towable)
DOZERS: JD 450C w/6 Way Blade, JD 450, AC 653 w/6 Way Blade, ACH3, Case 450 Crawler w/4 & 1 Bkt , JD 450 Crawler Loader
TAG-ALONG TRAILERS: Centerville Dual Wheel Tandem
LOADERS: AC 640, AC 615, Massey 2135, Komatsu D55S3 Crawler Loader, Excellent Bottom; JD 440B Log Skidders, Pettibone B66 4WD Forklift, Ford Lane Paver Model A-2, AC 600 Forklift, Waldon 5000 Diesel Payloader, 4WD, Articulated, AC 345 Payloader w/Log Fork And Bucket
EXCAVATORS: Cat 225 Excavator.
SKID STEERS: NH L775 Skid Steer Ldr **NH:** L553 Skid Steer, JD 375 Skid Steer

PARTIAL LIST Of Miscellaneous Equipment

FORAGE WAGONS: Int'l 110 Chuck Wagon w/Roof, Lamco 3 Beater w/Roof, Fargo Side Dump Trailer Model, M&W 400 Bushel Gravity Wagon
FEEDER WAGONS: Knoedler Feeder Wagon, Knoedler Dial-A-Mix Wagon, E-Z Flow 220 w/Grain Wagon, Kilbros 250 Grain Wagon
TMR Mixer Wagon: Schwartz 800.
York Heavy Duty Pull Type Road Rake, Stoltzfus 30' Truck Mount Fertilizer Box And Lime Spreader, Case/IH 8610 Bale Processor, Hesston #10 Stack Hand And #10 Stack Processor, Kalyn MD6 Tandem Dump Trailer, Westfield 8x51 Ft. Grain Auger. Shaver 3 Pth. Post Pounder, JD 30 2 Row Potato Digger, JD 2 Row Potato Planter, MC 3 PTH Lawn Genie Pickup Mower, Jobber Rock Windrower, Vermeer Trencher, Unloading Auger For Gravity Box, A&W 250 HP Dynamometer, 3 Pth. PTO Wood Saw, JD 3 Pt Post Hole Digger w/2 Augers. Used Cab For 190 Or 200
SPRAYERS: Myers 100 Gal. 3 Pth.
Hydra Ladder For Fruit Picking, Wisconsin Engine.
LARGE SUPPLY OF FRONT-END LOADERS AND CABS FOR VARIOUS MAKES OF TRACTORS.

Time To THINK About PLANTING EQUIPMENT

JD 8250 Disc Grain Drill, Like New, JD 8350 Dbl Disc Grain Drill- 18 Disc; AC 2- 4- 6 Row Corn Planters, JD 2 Row Corn Planters; Brillion 21 Ft. Ex. Fold Cultipacker- Like New; Brillion 10 Ft. Cultimulcher; New & Used Brillion 8 Ft. & 10 Ft. Cultipacker Seeders; JD 2 Row Tool Bar Corn-planter 3-Pt.

TINKERER'S ROW: Int. 430 Baler w/Thrower, AC 6 Row No-Till Corn Planter, NH 33 Flail Chopper, AC D15, AC B, AC 175, Ferguson 20, 35, Farmall H; JD 301 w/Loader.

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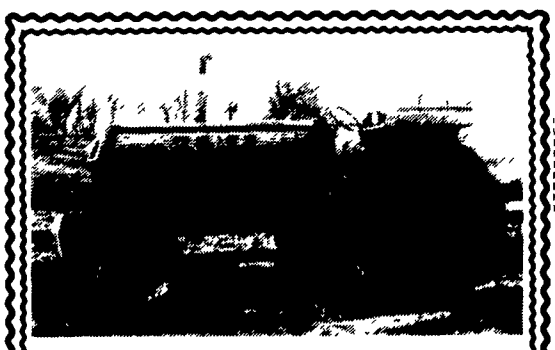
If you have deteriorating concrete masonary or stone walls, have it repaired with GUNITE®

For information and estimates call

Martins Silo Repair

(215) 445-9834



WHITE 2-70
Outlets, 70 HP
$4,000
410-833-9091

FORD 7700
CAH, Radials, Dual Power, Outlets
$7,500
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WHITE 2-105
CAH, 3,200 Hrs., 90% Rubber, New Turbo, Runs Excellent
$8,200
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HOURS:
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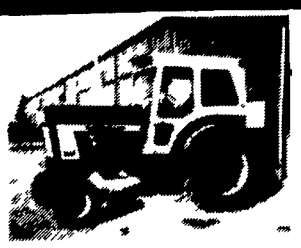
SAT. 7:30-NOON

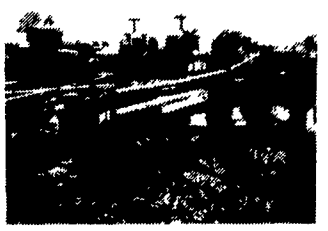
WOODS



1972 International 766 18.4x34 Tires, 1 Remote, 4732 Hrs., Good Condition

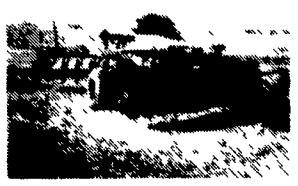
1976 International 1486 Cab/Air 18.4x38 Tires, 2 Remotes, 540/1000 PTO's, Weights, Nice Condition.

New Woods MD 315 Batwing Rotary Mower.



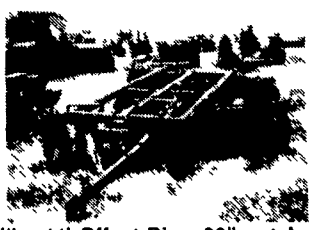
Massey Ferguson 880 4x16 Auto Reset Plow w/Spring Coulters.

New Holland 478 7' Haybine, Very Good Condition, One Owner, Complete w/Hydraulic Lift Cylinder. Also A 472 Available.



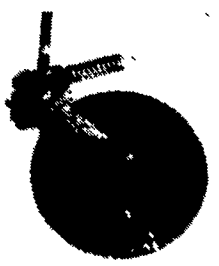
Miller C-Series (Creative Conservation Tillage) 10'10" Offset Disc, Very Nice.

New Holland 273 Baler w/Thrower, Nice Condition.

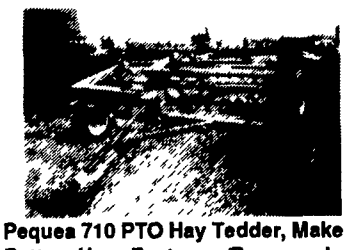


Miller 11' Offset Disc, 23" notched front blades, 24" notched rear, w/lift cylinder very nice disc (I have 9 more offset discs on stock).

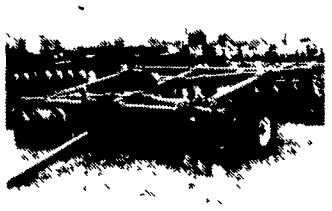
John Deere 260 Loader w/8' Bucket And Grill Guard, Will Fit 30, 40 And 50 Series Row Crops.



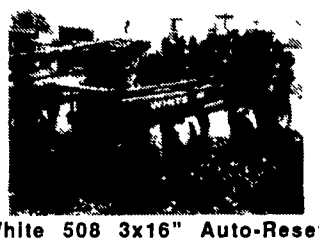
Good Used Spring Loaded Plow Coulters, Will Fit Most Plows.



Pequea 710 PTO Hay Tedder, Make Better Hay Faster w/Pequea, In Stock, Ready To Go.



John Deere 28 Blade 12' Cutting Disc, 11" Spacing, 22" Front Blades, 24" Rear Blades.



White 508 3x16" Auto-Reset Curved Spring Coulters, w/ Hydraulic Cylinder On Tail Wheel.

Ford 142 5x18 Auto Spring Reset Plow w/Side Hill Hitch, $1,700.

1992 Chevrolet 8' Pick Up Truck Body (New), $650, Choice Of Colors.

FARM TRACTORS

1979 JD 4040, ROPS, Powershift, 18.4x38 Tires, 2 Remotes, Nice
1968 JD 4020, Syncro, Good Tires, Weights, Very Good, Sharp
1969 JD 3020 Side Console, Syncro Range, WF, 1 Remote, Nice
1963 JD 3010 Diesel, Tricycle, Clean Tractor w/Front & Rear Weights
1975 JD 1530 Diesel, Ind. PTO New 13.6x38 Tires, Nice
1976 IH 1486 Cab, Air, Very Good 18x38; Front Weights, Nice Inside And Out
1972 IH 1066 w/Cab, 18.4x38 Radials
1972 IH 766 w/Cab, Diesel, 18.4x34 Tires, 540/1000 Hours
1974 IH 966 w/Red Cab, 18.4x34 Tires
1978 IH 584 Rack & Pinion, New 16.9x30 Tires
1978 IH 686 Diesel, 18.4x34, 2 Remotes
1985 IH 385, Low Hours, 1 Remote, Very Nice, 35 HP
1978 AC 7045 w/Cab, 20.8x38
1976 White 2-70, 4WD, Year-A-Round Cab, 18.4x34 Tires, 2 Remotes
1965 IH 706, Gas, Tricycle w/Cab, 3 Pt. 540/100 PTO, Nice
1972 AC 170 Diesel, WF, 3 Pt., Good Tractor, 54 HP
1969 IH 2444 Gas, Utility, 3 Pt., Turf Tires, PS, PTO
1974 Long 1100, 18.4x34 Tires
1961 Farmall 460 Gas, Tricycle, Fast Hitch
1968 IH 656 Gas, Hydro, Hi-Crop, Single Front Wheel

TILLAGE

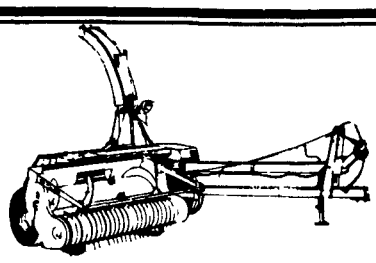
IH 720 7X ASR On Land- Coming In
IH 450 3x16 3 Pt. ASR Plow
IH 720 5x18 ASR Plow
IH 720 6x18 ASR Plow
IH 720 5x20 ASR Plow
IH 642 4x16 Rollover Plow- 3X Base
JD 3x16- 3 Pt. Plow
(2) JD 3x14- 3 Pt. Plow
White 508 3x16 ASR Plow
Oliver 6x18 ASR Plow
MF 880 4x16 ASR Plow
(2) MF 57 4x16 Rollover Plow
Long 4X 2 Way Plow- 3X Base
JD 1710- 11' Mulch Tiller
JD 1710A 9' Mulch Tiller
Brillion 12' Pull Chisel Plow
Glencoe 12' Pull Chisel Plow
Miller 9' Offset Disc
White 281 10' Offset
NH OD100 12' Offset Disc
(2) Miller 11' Offset Disc
(3) IH 500 Cutting Disc, 12', 13' & 14'
JD 12' Cutting Discs
White 271- 18' Wing Fold Rockflex
IH 470- 14' & 15' Discs
(2) IH 37- 9½ Discs
Bush Hog 12' Cutting Disc
JD RWA 8' Disc
JD 110 14' Disc
JD 215 10' Finish Disc
JD 13' 3 Pt. Field Conditioner
Lorenz 13'-3 Pt. Field Conditioner w/Rolling Basket
(2) IH #45- 19' Wing Fold Field Cult.
(2) IH #45- 12'- 3 Pt. Field Cult.
IH #45- 12' Fast Hitch Field Cult.
White 16' Wing Fold Field Cult.
Glencoe 10' Field Cult.
Case IH 183 6x30 Danish Cultivator
JD RM 4 3 Pt. Cultivators
(5) JD- RM- 6 Row Cultivators
Ford 2 Row- 3 Pt. Cultivator
JD 970 15' Roller Harrow- Like New
JD 930 12' 3 Pt. Cultimulcher
Dunham 10' Cultimulchor
Kewanee 10' Cultimulcher
Dunham 15' Cultipacker w/Transport
Brillion 10' Cultipacker
Chattanooga 12' Crowsfoot Packer
Brillion 14' Cultipacker

MANY MORE ITEMS NOT LISTED

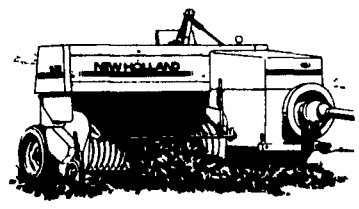
MISC. EQUIPMENT

Rhino 15' Wing Mower
Woods 121 10' Mower
Woods 0121- 10' Offset Mower
Terrain King TK15 Wing Mower
(2) JD 327 Baler w/Ejector
JD 346 Baler w/Ejector
NH 273 Baler w/Thrower
New Woods MD 315 Batwing Mower
JD 260 Loader w/8' Bucket & Brackets
NH 478 Haybine
NH 472 Haybine
IH 990 9' Haybine
Ford 515 3 Pt. 7' Sickle Mower
(4) NH 451 Sickle Mower
IH 2250 Loader w/686 Brackets
(2) Farmco 18x8 Steel Hay Wagons
JD 1500 3 Pt. Power Drill
New Loader Buckets In Stock
(5) Small Manure Spreaders
JD 400 Grain Buggy
(4) Gravity Wagons
JD 148 Loader w/3020 Brackets
Bush Hog Loader To Fit MF135
(4) Brillion 6' & 8' Packer Seeders
Duals- 18.4x38, 20.8x38, 16.9x34
Ford 172 Cu. In. Power Unit
Cub And Super A Snowblades
Zimmerman 32' Elevator- Very Nice

OPEN HOUSE FEB. 22 Thru 26



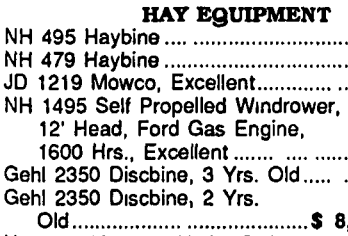
Ford
FORD
NEW HOLLAND



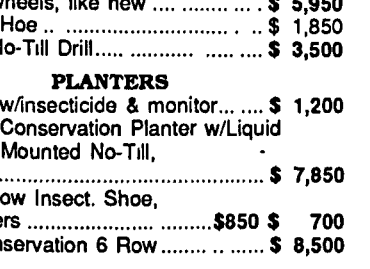
Winter Special Deals!

	List	Cash/ Pick Up
NH 570 Baler w/77 Thrower	$17,672	$11,995
NH 77 Pan Thrower	$ 4,324	$ 3,195
848 Demo Round Baler, Electric Twine Wrap,		$ 8,500
NH L455 Skid Loader, 10:50 Tires, 60" Bucket	$16,420	$11,750
NH 452 Disc Mower	$ 5,260	$ 3,995
NH 28 Blower	$ 4,338	$ 3,395
NH 256 Rake Demo	$ 3,550	$ 2,495

We have a large inventory for you to survey when purchasing your new equipment.



Hay & Forage Equipment Finance Rates: 0% - 18 Months- or Check with us for Big Cash Rebate Amounts



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Bill Cowan
814/793-4293

N.J. and Delmarva
Jones Dairy Service
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Dealer Rep: Scott Douglas 518/529-7326

Nothing runs like a Deere™

TRACTORS

JD 4620 w/roll guard & canopy, 20.8x38 tires, nice ..... Coming In
Oliver 1550 dsl , WF ..... Coming In
AC 185 dsl ..... Coming In
Ford 5000 (5200 model) 1975 row crop WF, 16 spd, excellent ..... Coming In
IHC 1586 Cab, Heat & Air w/Duals, Excellent ..... Coming In
IHC 5088, cab, heat & air, 2600 hours, 3 outlets, excellent ..... Coming In
JD 4320, cab, heat & air w/direct axle duals, original paint, excellent $13,900
JD 1010 Special, WF, 3 Pt , 2 Cylinder ..... Coming In
JD 350 dozer w/blade, PTO & New engine ..... Coming In
JD 750, MFWD, compact dsl. w/60" mid mower, 400 hours ..... $ 7,950
Honda 5518 4WD, all wheel steer w/48" mower & 3 pt. hitch ..... $ 6,900
JD 2020 dsl. w/143 loader, excellent ..... $ 8,500
IHC 666 dsl., WF, new tires, excellent ..... $ 8,500
Case 870 gas, WF, 2000 original hours ..... $ 6,500
Case 930 WF, gas, nice ..... $ 4,950
JD 4640, cab & power shift w/direct axle duals 2659 hours, very nice $29,500
JD 4430, cab & air, quad, radial tires, excellent $18,500
JD 2840 tractor $11,900
Mitsubishi 210D, MFWD, 21 HP, w/Woods RM59 3PT Mower ..... $ 7,540
MF 85 Tractor ..... $ 2,500
Farmall 460 Gas ..... $ 2,500
JD 8630 4WD New Engine, 3PT, PTO Duals $26,900

HAY EQUIPMENT

NH 495 Haybine ..... $ 4,000
NH 479 Haybine ..... $ 1,950
JD 1219 Mowco, Excellent ..... $ 5,850
NH 1495 Self Propelled Windrower, 12' Head, Ford Gas Engine, 1600 Hrs., Excellent $14,500
Gehl 2350 Discbine, 3 Yrs. Old ..... $ 6,500
Gehl 2350 Discbine, 2 Yrs. Old ..... $ 8,450 $ 6,995
Hesston 1014 12' Hydro Swing ..... $ 2,985

COMBINES & HEADS

JD 4400 gas w/new engine, 13' platform ..... $ 6,995
JD 243 corn head w/adapter plate for harvestore ..... $ 1,995
JD 6600 combine, diesel, 2600 hours, excellent $14,000
JD 443 Corn Head ..... $ 5,500
JD 343 cornhead ..... $ 2,950
JD 4400 Combine, Gas ..... $ 4,995
JD 6600 Combine, Parts ..... $ 2,300
MF 510 w/Cornhead & 13' Grain Platform $ 4,995
JD 213 Flexhead, Yellow Reel ..... $ 2,200
NI 844W Cornhead ..... $ 1,600

FORAGE EQUIPMENT

Gehl 1250 w/3RN & 7' pickup head ..... $ 9,500
NI 709 Unisystem w/767 Chopper, 3RN Cornhead and 866 pickup, 2100 original hours, excellent $24,900
JD 716A Forage Wagon w/12 ton chassis ..... $ 6,250
JD 3940 Harvester w/electric controls, 540 RPM W2RN & 5½ ' pickup, excellent $11,300
JD 4R Forage Head, Narrow Row ..... $ 9,750
JD Cutterhead For Self Propelled Harvester ..... $ 2,500
JD 216 Forage Wagon w/Gehl Tandem Gears ..... $ 2,450

TILLAGE

Krause 3200 series plowing disc ..... $ 5,995
JD 1350-1450 5 Bottom Plow, Like New $ 1,800
JD 3 Btm. 3PT Box Beam Plow ..... $ 885
JD 5 Btm. Trip Plow ..... $ 1,000
JD 6 Btm. Trip Plow ..... $ 1,650
JD 210 Disc, 14'3" ..... Coming In
IHC 370 Disc, 14' ..... Coming In
MF 880 5 Btm. Hyd. Reset ..... $ 2,500
Pittsburgh 6 Btm. Spring Reset Plow ..... $ 7,950
JD KBA Disk 12' ..... $ 750
White 283 Offset Disk 10' ..... $ 4,350
Power Harrow ..... $ 650

MANURE SPREADERS

NI Manure Spreader ..... $ 600

GRAIN DRILLS

JD 450 24x6 w/Press Wheels, 1 Year Old, Like New ..... $ 7,750
JD 450 Drill, 21 DD, 7½ " Spacing, w/press wheels, like new ..... $ 5,950
IHC #10, 18 Hoe ..... $ 1,850
Hay Buster No-Till Drill ..... $ 3,500

PLANTERS

JD 1240 4R w/insecticide & monitor ..... $ 1,200
JD 7000 4R Conservation Planter w/Liquid & Frame-Mounted No-Till, Excellent ..... $ 7,850
JD 1240 4 Row Insect. Shoe, No Markers ..... $850 $ 700
JD 7000 Conservation 6 Row ..... $ 8,500

MISCELLANEOUS

2 JD NF rollamatics, your choice ..... $ 475
JD 78 blade, 7', category II ..... $ 450
JD 148 Loader, Independent valve ..... $ 3,200
Dual wheels 18.4x34, snap ons w/tires ..... $ 750
Dual wheels 20.8x38, snap-ons w/tires ..... $ 1,150
Kwik Way Blade ..... $ 400
3PT Blade Green ..... $ 300
Woods Belly Mower ..... $ 500
Case Rotary Mower ..... $ 150

NEW JD 913 Rigid Platform w/Bat Reel Pickup Special $5,795 (Invoice Price)

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NEW
5400, 2WD w/540 Loader
6200 MFWD-CG
3255 MFWD, cab
3055 4 post
5200 2WD
5400 MFWD
6400 CG

USED
JD 2155, 2WD, low hours
JD 430 2 Cyl. W.F.
JD A Unstyled oil peg, v.g.

HARVESTING

NEW
JD 915 Flexhead
JD 9400 Comb.

USED
JD 444 Cornhead
IH 303 Combine
10' G.H. 2 RW C.H.

PLANTING

NEW
750 No till drill, 10' & 15'
7200 4R dry fert.
7240 11R liquid fert.
450 17DD drill

USED
AC no till corn/soybean planter, 6 & 11 row, liquid fertilizer
AC 4 Row No-Till Corn Planter (Liquid)

TILLAGE

NEW
610 Chisel Plow 8'
960 Field Cultivator
635 disc 12'2"
825 6RN 3 pt. cultivator
2000 4X spring reset semi-mount plow
Kvernland plows

USED
JD 210 Disc 12' New Blades

COMPACT UTILITIES

NEW
670, 770, 970, 855, 1070

USED
AMT 622 nice

HAY EQUIP.

NEW
1360 Discbine
Pequea Hay Tedder
16A Flail Chopper
1219 Haybine
335 round baler
435 round baler

USED
336 Baler
JD 894A Hay Rake
Hesston Stack-hand #10
1327 Discbine

SKID LOADERS

NEW
575, 675

MISC.

NEW
JD 25A Flail Cutter
403 Rotary cutter
503 Rotary cutter
603 Rotary cutter
516 Rotary cutter
717 Rotary cutter
350 manure spreader
720 running gear
95 3 pt. scrapers
1508 rotary cutter
1008 rotary cutter
Unverferth gravity bin
Unverferth header wagon

USED
JD AT40 cult. for 3020
Meyer 360 Equalizer Spreader
#50 Snow thrower for Cub lo-boy, like new
JD 25A Flail Mower
2 R Braco Potato Harvester w/PTO Drive

New Utility Trailers In Stock
Myers Snow Plow Parts

Open House Parts Special
JD Parts - 10% OFF
Now Through February 28 - Call For Details

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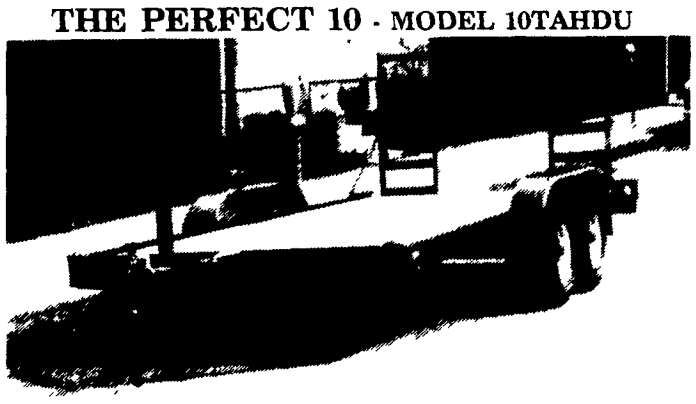
WHAT'S NEW IN TRAILERS —
HOW ABOUT THE OVER BUILT - SIMPLISTIC - EXCEPTIONAL DURABILITY

THE PERFECT 10 - MODEL 10TAHDU



FEATURING

- ☆ 10,000 Lb. GVW
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- ☆ CONTINUOUS MAIN BEAMS COUPLED TO OUR TRIPLE TONGUE DESIGN
- ☆ 15" RADIAL TIRES
- ☆ NEW GEL CELL BREAKAWAY BATTERY
- ☆ 5,000 LB. DROP LEG JACK

WE ARE LOOKING FOR A FEW GOOD DEALERS

USED TRACTORS

- JD 4455, cab & air, power shift, MFWD
- JD 4050, cab & air, quad range, like new
- JD 4840, cab & air w/duals
- JD 4650, 2,300 hrs., sharp
- JD 4250, cab & air, quad
- JD 2550
- JD 4450, WFWD, cab, air, power shift
- JD 4440, cab, air, power shift
- JD 4440, quad range, MFWD
- JD 4430, 4 post, excellent
- JD 4430, 1976, excellent
- JD 4250, MFWD, cab & air, PS
- JD 4240, 4 post
- JD 6030, sharp, 4,000 hrs.
- JD 4230, cab & air, power shift
- JD 4230 fender, quad range
- JD 4320
- JD 4020, power shift
- JD 4020, syncro
- JD 2555, cab & air
- JD 2550 w/240 loader
- JD 2840
- JD 2950 w/creeper gear
- JD 2350
- JD 2240 w/loader
- JD 1070, MFWD, 400 hrs.
- JD 1050 w/470 hrs.
- JD 2240 w/cab
- JD 950 vineyard special
- IH 5088, cab & air
- IH 3688, cab & air
- IH 1486, cab & air
- IH 1086, cab & air, new TA
- IH 666, diesel
- IH 884, MFWD w/2250 loader
- IH 966
- Ford 860
- Ford 1210 w/loader & backhoe
- Ford 4000, gas
- Ford 5000, diesel
- Ford 6600, diesel
- MF 2745, 24 spd., cab & air, 1,400 hrs.

Case IH 595, like new, 640 hrs.

INDUSTRIAL

- JD 310 TLB w/cab, excellent
- Case 580 TLB, gas
- MF 200 diesel crawler loader, 4 in 1 bucket
- Gehl 3610 skid loader, demo, 100 hrs.
- Gehl 4400 skid steer loader

USED PLOWS

- White 6 btm. 16" spring reset plow
- IH consertill 10'
- JD 3 btm. roll over plow
- JD 5 btm. on land hitch
- JD 8 btm. 2800 varied width on land hitch plow
- IH 710 8 btm. 18" spring reset, on land hitch
- IH 710 7 btm. on land hitch
- JD 2500 5 btm. 18" spring reset
- JD 2500 6 btm. auto reset

USED COMBINES

- 244 JD corn heads
- 444 JD corn heads
- 443 corn head
- 643 corn head
- JD 215 flex head
- JD 6620, 1982, sharp
- JD 4400, diesel

IH 1640, 400 hrs., like new

HAY EQUIPMENT

- NH 472 haybine
- Gehl 1850 round baler
- JD 346 wire baler w/thrower
- JD 347 wire baler
- NH 320 baler w/kicker, like new
- IH 8420 round baler, like new

MISCELLANEOUS

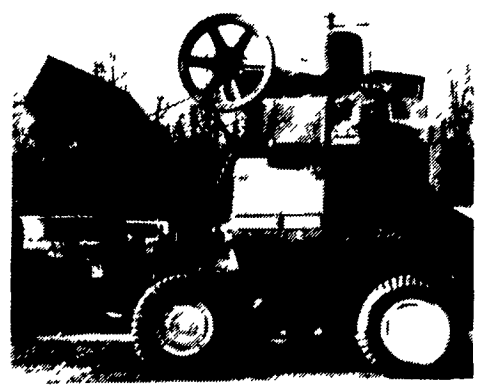
- JD 7000 4 row planter
- JD 7000 6 row liquid planter
- Fox Super D harvester
- Kewanee hyd. fold 20' roller harrow, like new
- Kewanee 18' hyd. fold disc
- Kewanee 21' hyd. fold disc
- Taylorway 25' disc
- JD 110 disc
- JD 115 disc
- IH 760 offset disc, very good
- Kewanee 12' mulcher
- JD 12' mulcher
- Gehl 72C flail chopper, excellent
- Woods 15' Batwing mower
- Gehl 120 feed mill
- Gehl 960 forage wagon w/roof
- Gehl 350 manure spreader, excellent

NEW NI 3626 spreader w/tailgate

D & R EQUIPMENT INC.

Rt. 579, Ringoes, New Jersey

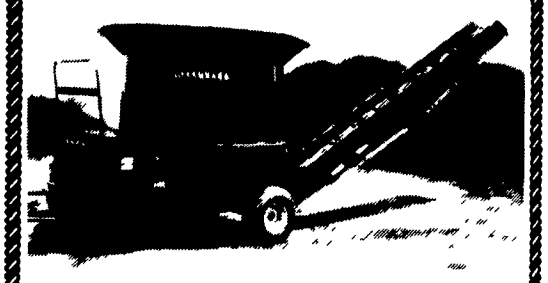
(908) 782-5082



Rex Mixer 16 C.F. Cap Gas Engine, Excel Cond.

$3,500

(410) 337-3570 Anytime



Farmhand 6650 Tub Grinder

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$19,500.00

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10 miles S. of Lancaster along Rt. 222

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & AVAILABLE WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN DELIVERY AVAILABLE

Tractors

- JD 2955 4 Post, 38" Rubber, 2250 Hrs., 1 Owner
- JD 4850 MFWD, loaded, 1985 model
- JD 4450 MFWD power shift, SBG
- JD 4050 power shift, SGB
- JD 4050 SGB, quad range
- JD 2950 fender tractor, hi-lo, nice
- JD 4840 SOLD ower Shift, 18-4-42" w/ Duals, Nice Tractor
- JD 4640 SGB, Quad, duals, 3600 Hrs., very nice
- 1981 JD 4440 power shift, SGB
- JD 4440 SGB, power shift
- JD 4040 quad SGB
- JD 4430 SGB, quad, sharp
- JD 4430 SGB, quad
- JD 4230 SOLD ad, 4000 Hrs., Very Nice
- JD 5020 Row Crop, Duals, Weights, Original, Extra Nice
- JD 4320 w/year-a-round cab
- JD '74 model 4230, SGB, quad
- JD 4320 w/factory cab
- JD 4020D, power shift
- JD 4000 diesel w/year round cab, dual hydraulics gear drive
- JD 4020D, W SOLD console, gear drive
- JD 3020D, WF, side console, 1 owner, very nice
- JD 720 D w/WF
- IH 3588, 2+2, Nice Tractor
- IH 3088 fender tractor
- IH 1586 cab, air
- IH 1486 Factory Cab, Air, 1979 Red Power Model
- (2) IH 148 SOLD ory cab, air
- IH 1086 Cab, Air, 20" Rubber, 3 Valves, Weights, 1208 Original Hrs., 1 Owner
- IH 1086, 1981, cab, air, 4000 hrs.
- IH 1086 cab, air
- IH 1086 cab, air, 2800 hrs., 1 owner
- IH 986 factory cab, air
- (2) IH 886 cab, air, very nice
- IH 86 hydro, WF, 3PT, nice
- IH hydro 84, 1250 hrs.
- IH 684D
- IH 1466 red cab w/air, nice, 2600 hrs.
- IH 1066 w/Year A Round Cab, w/Air, 3400 Hrs.
- IH 1066 fe SOLD ractor, nice
- IH 1066, red cab w/air, sharp
- IH 966 w/cab & air
- IH 966 with or without cab
- IH 766D, 3900 hrs., fender tractor
- IH 826, WF, 3PT, year round cab
- IH 826 diesel, WF, 3 pt. fender tractor
- IH 756 SOLD 3PT
- IH 656D, WF, 3 pt.
- IH 404 gas, WF & 3 pt.
- Farmall Cub w/sickle bar
- Case 970 fender tractor, power shift, 2565 hrs.
- MF 2675 factory cab, air, 2400 hrs.

Case 1835B diesel skid steer loader

Implements & Misc.

Now Stocking New Koyker Quick Attach Loaders For Most JD & IH Farm Tractors, 40 HP To 180 HP.

- IH 720 5 or 6x20" auto reset with onland hitch
- IH 720 5 or 6x16" auto reset with onland hitch
- IH 720 6x18 auto reset
- IH 720 6x16 auto reset
- IH 720 5x16 toggle trip
- IH 700, 5x16" auto reset
- Wilrich 9 shank chisel w/front blades
- White 23' rock flex wing fold disc
- IH 475 21' disk, hyd. wing fold
- JD SOLD scs
- AC 8½' disc
- JD 148 Loader
- Westendorf loader to fit JD 20, 30 and 40 series row crop tractors
- Allied loader to fit JD 3010 thru 4020 quick attach
- JD 27 stalk chopper
- Glenco field cultivator 18'
- JD chisel mounted 11 shank

Heads

- MF 1163 6RN, very good
- MF 1143 4RN corn head, good cond.
- MF 1144, 4RW
- MF 1859, 16' flex w/Ull reel
- MF 1859, 15' Flex Head w/Ull Reel
- IH 963 6RN
- (3) IH 843 4RN, 1 Very Good
- JD 443 Low Tin Oil Bath
- JD 443, 4RN
- JD 213 flex black reel
- JD 216 flex
- JD 100 Series 13' & 15' rigid heads
- NI 711 grain head, nice

Combines

- 1984 JD 6620 SOLD Hill, 4WD
- JD 4420 air, monitors, header height
- JD 4400 1979 model, 2200 hrs., 23" tires, v. nice
- JD 4400D, air, 1974 model
- MF 850 hydro, 2WD
- MF 850D hyd. 2WD, very nice

Used Parts

- IH 70 hydro
- IH 806 diesel & gas
- IH 560 D
- IH 706 gas tractor
- IH dual PTO units
- IH 826 diesel
- IH 1026 hydro
- Dual wheels - 34's and 38's
- Tractor Weights JD & IH
- IH 544 diesel, hydro Farmall
- IH 504 utility
- IH 856 diesel
- IH 706 diesel
- IH 1256
- Farmall 400 & 450 D & gas
- Farmall H & M
- NI 713 & 715 grain heads
- NI 702 D & 701 G & 702 G
- NI 717 combine
- JD 4020 dsl., powershift
- JD 3020 G

Have Part Number Ready — We Ship U.P.S.

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Oliver Plow 516 Semi, $575
2 Front Tires and Wheels, 1100L15, Good, $125/Pair
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GA80 Agri Metal Bedding Chopper, New $1,400
JD 5 Ton Wagon Gear, $175
Brillion 21' Fold Harrow, New Teeth and Cylinder, Field Ready $575
Case 660 Combine, Good Condition $575
2 Tires 15x5x38, Good Condition $100/Each

717-784-1608

JD 4250 tractor, 1988, mint condition, only 600 hrs. w/power shift trans., 4 wheel, SGB
JD 435 round baler plus surface wrap, like new, used 1 season
JD 5 bottom plow, 2500 series, reconditioned and updated
(2) JD 720 hay wagons
(3) Mini-sheep feeder wagons w/covers
All Equipment In Excellent Condition
(717) 287-8885

Norm Shores & Son Tractor

RR 5, Towanda, PA 18848

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Delivery Available–Lease Financing Available

USED TRACTORS

Ford TW20, factory cab & air, front & rear weights, 20x38 tires, dual PTO, dual remotes, 2800 hours, nice
Ford 7700, Blue Power Special, cab & air, dual power, dual remotes, 3000 hours
Ford 7710 Series II, 4x4, no cab, w/Ford 777F loader, 1500 hours, very nice
Ford 7610, factory cab w/heat, dual power, 38" tires, very nice
Ford 6600 diesel, dual remotes, front & rear weights, nice clean tractor
Ford 5000 dsl, 8 speed, 2 remotes, 38" tires & weights
Ford 5000 Dsl., 8 spd., flat deck model w/dual remotes, good condition
Ford 4000, 4 Cyl., gas, 5 speed, live PTO, PS, remotes, excellent
Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, new paint
Ford 9N w/weights, front snow plow, excellent
JD 4440, cab, air, quad range, front weights, rear weights, dual remotes, 20x38 radials, nice clean tractor
JD 4230, 1977 factory cab, air, quad, 18.8x38 tires, excellent SOLD
JD 4230, 1975, 4 post ROPS, power shift, weights, dual remotes, 38" radial tires, sharp
JD 4050 4x4, cab, air, power shift, fully equipped, excellent
JD 3020 dsl, WF, power shift, 2 remotes, new tires & paint, excellent
IH Hydro 70 dsl, WF, 3 pt., 18x38 tires, nice tractor
IH 856, WF, 3 pt, 2 valves, 18x38 tires
IH 826 diesel, WF 3 pt, 2 valves, fresh engine, clutch, TA, very nice
IH 966 w/roll bar & canopy, 18x38 tires, difflock, dual remotes, very nice
IH 986, 1980 Model, cab, air, dual remotes, digital, excellent
IH 1086, 1981 Model, cab, air, dual remotes, 20x38 tires, digital, fresh TA and clutch, front weights, excellent
Case 1570 Power shift, cab, air, weights, radial tires, absolutely immaculate
White 2-135 factory cab, air, weights, dual remotes, low hours, excellent SOLD
Oliver 770 Dsl., NF, power booster, power steering, late one, excellent
Oliver 950 w/Oliver dsl. engine, factory hydraulics & PTO, very good original condition
David Brown 1212, power shift, dual remotes, front weights, excellent
Farmall M w/Power steering, extra clean

USED PLANTERS AND DRILLS

IH 510 16 double disc drill w/seed & grass seed, excellent
IH 510 16 single disc drill all 3 boxes, excellent
IH 13 double disc drill all 3 boxes, exceptional smaller drill
HD 1240, 4R plateless w/dry fertilizer, good condition

USED PLOWS AND CHISELS

Oliver 548 4x16 Spring automatic w/coulters, very nice
White 508, 4x16, spring auto, fully equipped, good condition
White 598, 4 bottom, variable width, auto reset, very good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Oliver 4340 3x16 trailer plow, excellent original condition
Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent
Glenco 9 tooth soil saver, very good condition
Glenco 7 tooth soil saver, good condition
IH 720 4x18 auto reset, coulters and gauge wheel, very nice
IH 710 5x16 Auto Reset, coulters & gauge wheel, very nice

USED DISCS AND HARROWS

McConnell 16' transport spring tooth harrow
Kewanee 12' rock flex finishing disc, very nice
White 253 12' finishing disc w/tandem wheels, very nice
Brillion 12' roller harrow, excellent
JD 310, 14' disc, new 22" blades, tandem wheels and cylinders, excellent
Brillion 12' packer w/4" axle, very nice
White 265 11' heavy frame cutting disc w/tandem wheels & 24" blades

USED FORAGE EQUIPMENT

JD 3950, 1990 Model w/2RN cornhead, iron guard, hyd. tongue, electric controls, just like new
JD 3960 w/2RN and 7' pickup, electric controls, hyd. tongue, very nice
Gehl CB700 w/late style dolly wheel pickup head, hydraulic sharpener, manual controls
Gehl RC800 recutter blower, very nice
Gehl 1250, tandem axle, electric controls, 3 RN, 7' pickup, nice condition
Rex 3 beater w/roof tandem axle wagon, steel sides, very nice condition (Lamco)
NH 782, electric controls, 540 PTO, 2 heads, good condition

USED HAY EQUIPMENT

JD 640 rake w/dolly wheel & rubber teeth
NH 320 w/#70 thrower, electric controls, just like new
NH 316 w/pan kicker, electric controls, excellent
NH 256 Rake, w/rubber teeth, nice
New quality Diller 9x18 bale throw racks w/choice of 6 or 8 ton gears

USED HARVESTER HEADS

FNH 900 w/hay head, like new
NH 3 RN Auger base package w/8' pickup
JD 3 RN corn head w/multi luber, good condition
JD 2 RN w/clutch, excellent

LOADERS

Ford 777F, QT, w/brackets for 7700, 7610, 7710 4x4
Ford 772 QT w/brackets for 5000 thru 7610

MISCELLANEOUS

JD 450 hydro push spreader w/hyd. gate
NI 325 2RN, 12 roll picker, late one, nice
Killbros gravity bin w/hyd. auger
Used 18.4x34 snap-on duals

RENT A "MINI" EXCAVATOR!

AND DO IT YOURSELF!

- Kubota KX-41
- Compact - Fits On the Back Of A Pickup Truck
- Under 40" Wide, 6'7" High
- Rubber tracks
- Digging Depth - 7'8"
- Dozer Blade For Grading
- 12" Bucket Available
- Easy To Operate
- Very Economical Rates

RENTS FOR LESS THAN A TRENCHER!

$125/Day $475/Week $1375/Month

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LEBANON
Route 419 West of Schaefferstown
717-949-2000

LANCASTER
Route 30 & Fruitville Pike
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Best Buys in Used Equipment

TRACTORS

White Model 2-105 Diesel
IH 574 Diesel Tractor
IH 766 D Tractor
IH 966 Tractor
IH 1066 Dsl. Gear
IH 1026 Diesel Hydro
Case IH 685 Dsl., 2WD
Case 380 diesel w/Loader
Case 730 Diesel
JD 2440 Diesel w/Cab

SKID LOADERS

Case 1737 Gas
Case 1830 Gas
NH L555 Diesel
OMC 440 Gas
OMC 442 Diesel

TILLAGE

JD 4x16 Spring Trip
JD 325 Hyd. Reset 3x16
IH 720 6x18 Plow
Brillion 14' Packer, 4" Axle
Chattanooga Cultimulcher 22'
Athens 131, 11'
Taylorway Off-Set Disk 6'.
IH 720 5x20 Plow
JD 4RN Cultivator
Glenco 11' Coulter - Chisel
MF 345 3x16 Plow
JD 12' Spring Tooth Harrow
JD Model #BWF Disc 12'

PLANTING & SEEDING

IH 56 4R Planter
IH 510 Grain Drill, 16x7
Case IH 5100 Grain Drill 20x6
White 5100 Planter 6RN
JD Model FBB Grain Drill
JD 1240 Planter 4RW
IH 5N 18x7 Grain Drill

UNI EQUIPMENT

704 Power Unit
717 Combine
838 Husking Bed
768, 3R Corn Head

MATERIAL HANDLING

NI 213 Manure Spreader
NI 353 Manure Spreader
NI 245 Manure Spreader
NI 384 V Spreader
Papec 870 Grinder Mixer
Walsh 500 Gal. Sprayer
NH 328 Manure Spreader
Kidd Bale Chopper

HAY & FORAGE

IH 440 Baler w/Thrower
Badger 950 Forage Wagon
Fox 457 Self-Propelled Forage Harvester
Gehl 99 Blower
NH 1495 Windrower, Self Propelled
NH 25 Blower
Case IH 600 Blower
Dion 16' Forage Box w/Roof
OMC 235 Hydra-Swing Mower Conditioner
Gehl 2330 Disc Mower Conditioner
Pequea 786 Hay Turner
Hesston 1090 Mower Conditioner
JD 216 Forage Wagon
NH 489 Haybine
NH 479 Haybine

HARVESTING EQUIPMENT

IH 963 6RN Corn Head
IH 820 Flex Head 16½'
IH 1440 Combine
IH 1460 Combine
NI 311 2RW Picker
IH Model 1PR Corn Picker
Case IH 1680 Combine
JD 300 Corn Picker 2RW
AC Model F Combine

CHAMBERSBURG FARM SERVICE, INC.

975 S. Main St. Chambersburg, PA
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NEW JOHN DEERE EQUIPMENT

JD 375 round baler.....$11,375
JD 450 17x7.5 Grain Drill w/grass seed att. $5,875
JD 148 Loader w/73" Bucket...$4,225

NEW GEHL EQUIPMENT

1580 blower $2,995
MS312 Spreader.....$6,895
MS325 Spreader.....$6,150
MS175 Spreader.....$3,895
SL5620 Skid Loader $18,440

NEW BRILLION EQUIPMENT

PDT 16 Pulverizer.....$3,000
BRS 6302 6R Cultivator.....$2,640
SSLP Grass Seeder.....$1,950

USED TRACTORS

JD 4250 .....$39,900
Farmall 460 Gas.....$2,595

USED EQUIPMENT

White 5100 4R Planter.....$2,475
White 543 4R Planter.....$1,975
JD 50 Box Scraper, 5½ '.....$350
JD 630, 6R, 3 Pt. Cultivator.....$1,500
Glenco 12' field cultivator $1,395
NH 451 3 pt. mower.....$1,795
Brillion LGS 1441 12' Pulverizer.$695
Year-a-round cab for Farmall.....$495
JD 359 snow blower.....$595
IH #10 grain drill $975
JD 8250 grain drill $3,900
JD 483 MoCo.....$650
Brillion 9' Chisel Plow.....$1,295
JD 5200 SP Harvester w/Dura/Drum w/3R Heads, 7' PU.....$29,900
JD 5440 self propelled harvester, w/4WD w/3R head, 7' pu.....Call
Badger BN1040 Blower.....$325
JD 336 Baler w/30 Ejector .....Call

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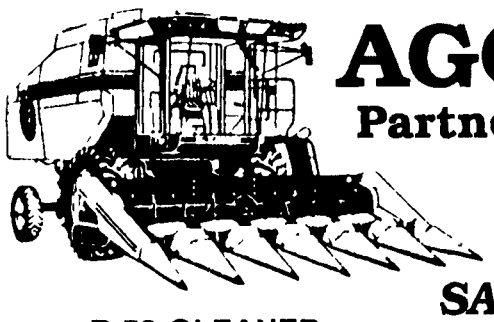
(717) 249-2313	(717) 789-4343

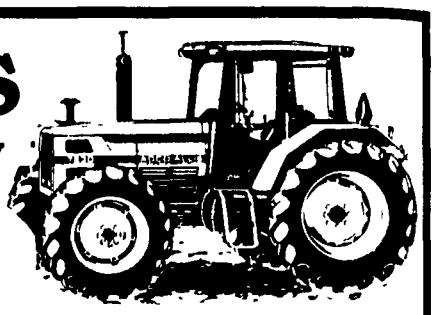


R-52 GLEANER

AGCO ALLIS

Partners For Tomorrow

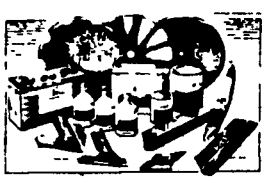
YOUR GLEANER COMBINE SALES AND SERVICE DEALER



7600 TRACTOR
(2WD, Rops In Stock)

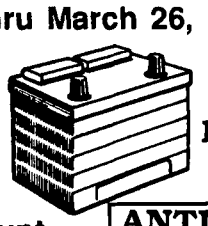
OPEN HOUSE SPECIALS NOW IN EFFECT!

All Specials Are Cash Sales Only - Effective thru March 26, 1993



10% OFF ALL DEUTZ-ALLIS PARTS

10% OFF HYDAULIC CYLINDERS



25% OFF BATTERIES

Fender Mount AM/FM RADIO
$125.21

30% OFF LUBRICANTS
Bring a container for bigger savings

ANTI-FREEZE 25% OFF
Bring a container for even bigger savings!

NEW EQUIPMENT

TRACTORS
- AA 6690, 4WD, Cab, DEMO
- AA 5680, 2 WD, ROPS
- AA 7600, 2 WD, ROPS

COMBINES
- Gleaner R52, 15 Ft. Flex Head, 6 Row Corn Head
- 4 Row Corn Head

SPREADERS
- Hesston 262 Spreader w/Hyd. Endgate

TILLAGE
- DA 1250 Field Cultivator
- DA 1500 Min-Till, 9 Shank, Hyd. Coulters
- DA 2500 Disc 10 Ft.

HAY & FORAGE
- Hesston 8[SOLD]. Windrower, 12 Ft.
- Hesston 4570 Baler w/Thrower

USED EQUIPMENT

- AC 190XT Tractor
- Olive[SOLD]actor
- AC Disc, 13½ Ft.
- IH Disc
- Hayrack Wagon
- DA 9150 Tractor AWD, Nice!
- (2) NH 489 Haybines, Both Excellent
- Better-Built Tank Spreader, 3600 Gallon
- NI Cut-Ditioner
- Gleaner L2 Combine, 6 Row Cornhead, 15 Ft. Flex Head
- MF 550 COMBINE, 9113 13 Ft. Flexhead (practically new), 1143 cornhead (4RN), 14 Ft. Rigid, 900 Hrs., Real Nice, Excellent Condition

★ '93 PRODUCTS SOON ARRIVING!! SPECIAL DEALS ON REMAINING '92's!
★ LOW RATE FINANCING OR WAIVER AVAILABLE!!

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AGCO HESSTON THE PRIME LINE

AGCO DEUTZ ALLIS

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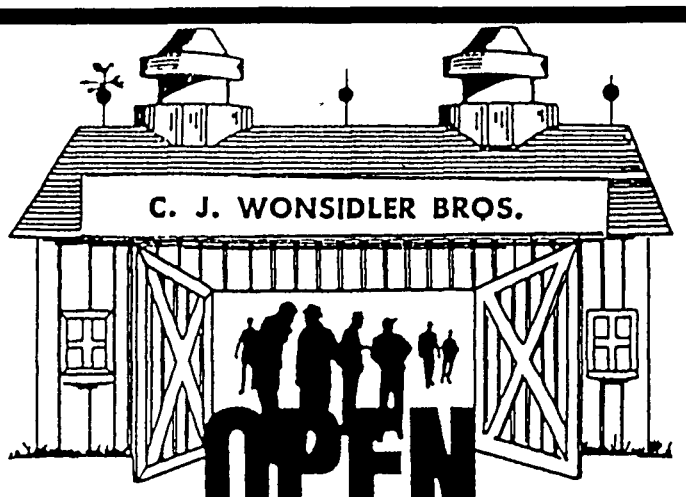
Rts. 309 & 100
(Pleasant Corners)
New Tripoli, PA 18066

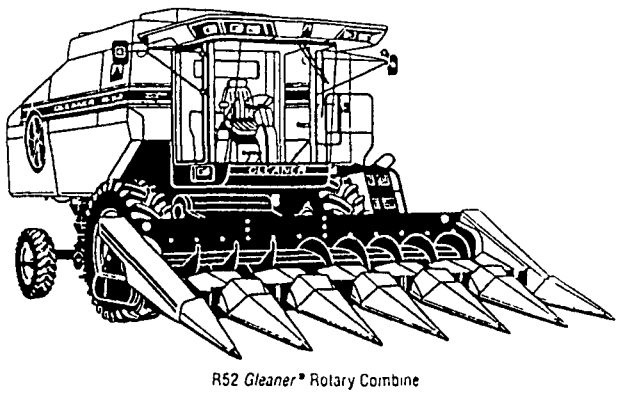
6690 AGCO Allis w/Atmosphere



OPEN HOUSE
ANNUAL
NEW TRIPOLI OPEN HOUSE
Friday, February 19, 1993
10 AM until 10 PM

NEW IDEA

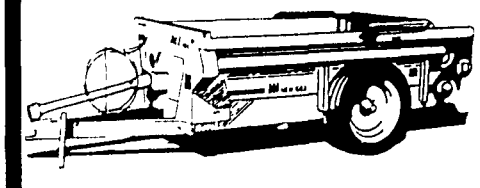
(215) 767-7611

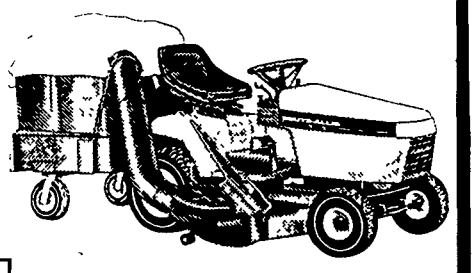


R52 *Gleaner*® Rotary Combine

See the all new 40 to 128 PTO H.P. "orange" AGCO Allis tractor line. "Orange is here!" Plus, the new Deutz-Allis 9100 Series Tractors each powered by a fuel-efficient, air cooled diesel engine ranging from 135 to 193 PTO H.P. Examine the new AGCO Allis ComforTech Gleaner Series II Rotary combines. Redesigned to put less wear and tear on its most important part... you! Plus, AGCO Allis' best lawn & garden equipment line ever. More models and features that will meet all your lawn care needs.

New Idea, the quality, service, and price leader for all your manure spreader, hay and forage equipment needs will be on display ... where you get more value for your dollar!





SPECIAL OFFER — on **February 19, 1993,** all **parts** purchased will entitle you to a **10% DISCOUNT, if paid in cash** at time of sale.

FRIDAY EVE. PROGRAM..."TWO GRAND PRIZES AWARDED" with special NEW tractor, combine, and implement movies.

1st: $500.00 Gift Certificate towards the purchase of a new DA 40 H.P. or up farm tractor.

2nd: $200.00 Gift Certificate towards the purchase of any new Allis Lawn & Garden tractor.

Get out and register, enjoy hot refreshments, chat with company representatives, and see your neighbors.

NEW IDEA * C.J. WONSIDLER BROS. * AGCO DEUTZ ALLIS

TO SETTLE ESTATE

NH 354 Grinder Mixer.....$3,500
JD 700 Double Hay Rake.....$4,800
NI 1 R Corn Picker.....$2,500
JD 5 Bottom Plow, Fast Hitch.....$700
Woods 208 9' Rotary Mower, 3 Pt. Hitch.....$2,500
NH Hay Liner, 320 Baler w/Thrower.....$6,800
Schwartz 880 Feed Mixer Wagon w/Scales.....$5,500
Knight Reel Auggie 2300 mixer wagon w/scales, Used 3 months.....$15,800
International sobyean special 5100 grain drill.....$6,500

410-275-1030 Evenings

Larry L. Adair

55 Gal. Drum Delivered Free 50 Mi. Radius From York, PA

15W40	$188.00
SAE 30	$183.75
Tractor Hydraulic	$193.50
Hydraulic Oil	$145.60

(717) 755-8638
800-755-OILS (6457)
Call Early Morning Or Late Evenings

Best Buys in Used Equipment

WINTER SERVICE SPECIAL

Schedule Before February 27th and receive 10% Off Parts (If $500 Or More) and Free Hauling Within 50 Miles. Contact Bob For Appointment.

USED EQUIPMENT

IH 720 5 btm. 16" semi mounted plow, auto reset
AC 2500 14' transport disc
NH #8 crop carrier w/10 ton Unverferth running gear
IH 510 16x8 grain drill w/grass seed & fertilizer
(2) NH 489 mower conditioners
IH 19' 3 pt. vibra shank harrow
Brillion 16' transport harrow
Westfield 8"x41' PTO drive transport auger
Westfield 8"x25' utility auger
IH 730 vari width 5 btm. semi mounted plow

BANGOR IMPLEMENT

6 Flicksville Rd., Bangor, PA 18013

215-588-5922 or 215-588-5924

case IH

The I&J Cultivator

5% OFF ALL CULTIVATORS BOUGHT UP TO 2-27-93

OPTIONS

Rolling Shields
—protects small crops and will not plug

Disc Hillers
—great for ridging crops

Work-Saving Features of the I & J Cultivator:

- Durable "S" tine shanks
- All units have gauge wheels for independent floating over ridges and furrows.
- Available in 1-2-3-4 row units
- Also great for vegetable crops

NOTICE
We Will Have A 2R Horse Drawn Cultivator And 4R 3 Pt. Cultivator Plus 2 Shank Deep Till Slit Tillers At Elias Beiler Sale 2/25/93

I & J Manufacturing

5302 Amish Road • Gap, PA 17527
717-442-9451
(Call between 8:45-9:00 A.M. weekdays, ask for Jake)

USED TRACTOR & COMBINE PARTS
Large Selection
Save 50%

Coming In: JD 4020 Side Console, 3700 Original Hrs. w/JD 158 Loader

USED TRACTORS

JD 3 cyl. 820 diesel tractor, engine problems $2,500
Used Ford big blue & JD model 44 PTO spreaders
JD & Harvey hammermills
JD 7000 4W no-till planter
Ford 4500 TLB $5500 as is
JD 4020 gas, bad trans $3,000 as is
JD 400 TLB, gas, as is $2,500
JD antique L w/ Hercules motor, basket case, $1,500 as is
MF 255D
MF 235 loader
JD 435D as is Rough $2,000
MF 150 Gas w/ Loader, as is $2,500
IH B 414 Diesel, Rough, $1,400
JD 40T As Is $1,500
MF 135 & 1080
JD 2840, 4020 side console
(2) TD9 Dozers

W.C. Littleton & Son Inc.
Laurel, DE 19956
1-800-842-7445

DECK-OVER CONSTRUCTION
16'x8' 7000# GVW ~~$2,895~~ $2,695
18'x8' w/Tail 10,000# GVW ~~$3,195~~ $2,995

Also Available In 4'x6' and 5'x8'
12' Starting At $995
w/Gate $1,150

UTILITY (TILT OR GATE MODEL) Sizes: 5'x8', 5'x10', 6'4"x10', 6'4"x12', 3000# GVW

16' Starting At $1,595
w/Gate $1,695

UTILITY WITH GATE - SIZES: 12'x76", 14'x76", 16'x76" 18'x76", 18'x81", 7,000# GVW, 20'x81" 12,000# GVW

Also Available In Car Haulers 16', 18' 7,000# GVW

FLAT BED: Sizes 16'x76", 18'x76", 18'x81", 8,000# GVW, self storing 80" long ramps

STARTING AT
$695.00

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International Farm Equipment

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 5'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-11'
- 4'-7½' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 8' to 12'

Over 300 Trailers In Stock
Starting At $495.00
50 Different Models
T-Plates
DEALERS WANTED
Financing Available

HIGHWAY HYDRAULIC DUMP

5'x10' 7000# $2,695
6'x10' 7000# $2,795
6'x10' 10,000# $2,995

ALSO AVAILABLE IN DROP AXLE IN 12' TO 16'

CONSTRUCTION (LOW DECK) 16'x76", 18'x81", 20'x81" 8,000# or 12,000# GVW

Starting At $3695 w/4' Adj. Tail

GOOSENECK SIZES: 20'x8', 12,000# GVW, 24'x8' 18,000# GVW.

CONSTRUCTION (DECK-OVER)

Available: 4,6,9 and 10 Ton
SPECIAL:
20' 9 Ton $3495 (1 Only)

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Pine Grove, PA (717) 345-4882
8 AM-5 PM MONDAY TO FRIDAY
8 AM-12 SATURDAY OR BY APPOINTMENT

CLEARANCE SALE ON NEW AND USED EQUIPMENT IN STOCK

Wic Bedding Chopper, 3 Pt. Hitch, PTO Drive
John Deere 210 Disk
16' Jamesway Pack Drive, Base Machine, $3,800
(10) 40¼"x40¼" 6 Pane Galvanized Windows w/Glass
(4) 2 Hole Mirfount Energy Free Waterers
Jamesway Model 120 Cattle Feeder 14" Wide 60' Long w/Drive
Heavy Duty Free Stalls
400' of Jamesway 16" CCW Tapered Hook Chain
Call for Sale Prices on New Silos
3.76 Ton Imperial Feed Bin
4½ Ton Fiberdome Feed Bin
All Feed Bins Are Assembled and Ready For Delivery
20' Jamesway V-3 Rebuilt Complete
14' Jamesway V-3 Rebuilt Complete
16' Jamesway V-1 Complete
18' Jamesway V-2 Complete
36' Kawanee Hay Elevator
3 Pt. Hitch Agri Metal Chopper, Demo $900
14 Different Water Bowls In Stock and Parts
New WIC Bedding Choppers Available
Zimmerman Headlocks In Stock

Coming In- Model 430 Weaverline Feed Cart

ROVENDALE AG & BARN EQUIP.

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AWARD WINNER

SEE THE AWARD-WINNING POWERSTAR™ TRACTOR

The American Society of Agricultural Engineers voted the new Ford PowerStar™ tractor as an outstanding innovation. The "AE 50" award distinguishes these tractors for productivity, efficiency and operator comfort.

Here are some of the reasons why:

- **New, efficient Genesis™ engines with excellent torque response**
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- **New cabs**
- **New roomy deck designs**
- **New responsive, hard-working hydraulics**
- **Six new models, 66 to 106 PTO hp**
- **Choice of 2WD or 4WD**

Test drive one of these award-winners for yourself.

MODEL 7840 IN STOCK FOR INSPECTION,
Immediate Delivery
With Special Programs

Ford FORD NEW HOLLAND

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ROUTE 741 OFF ROUTE 283, LANCASTER, PA 17601 PHONE 717-569-7063
WHERE SERVICE DOES NOT STOP AT A SALES PROMISE!

Best-Buys in Used Equipment

COMBINES & HEADS

1978 Gleaner M2 Corn/Soybean Special, Hydro Traction, 15' Flex Grain Head, A630 Corn Head, Rebuilt Engine w/O Hours, Clean
JD 6620 Combine w/16' Grain Head (Excellent Condition)
IH 843 4 Row Corn Head- 30"
White 8600 Combine, w/15' Grain Head, 1978
IH 820 Grain Head, 22½ '
IH 820 Grain Head, 16½ '

TRACTORS

IH 884 MFD, Cab, Loader
Case IH 895 2WD, ROPS, 450 Hrs.
MF 245, Low Hrs., 1980
Case IH 1140, MFD, Hydro w/Loader & Backhoe (Compact Diesel, 27 HP, 85 Hrs.)
Case IH 9170 4WD (Low Hrs., Rental)
Case IH 2394 - 2WD w/Duals (Low Hours)
Case IH 1120 Compact - MFD Turf Tires (Like New)

MISCELLANEOUS

Krause 28' Disc Harrow
White 256 Disc Harrow, 13'10"
Lely Roterra 13'6"
IH 4 Bottom Rollover Plow, 16"
NH L-785 Skid Steer (2)
Pixall 1 Row Bean Harvester
FMC-Bean 20RC Air Sprayer - 400 Gal. SS Tank
FMC 100 Gal. 3 Pt. Sprayer w/22' Boom (Almost New!)
Bauer Pump Unit w/Deutz F5L413FR-500/600 GPM @ 170 PSI
IH 165 5 Bottom Rollover Plow
Farm-Hand Dump Wagon
Car Trailer

HAY & FORAGE

NH 488 Mower Conditioner - 9 Ft.
NH 276 Square Baler
NH 268 Square Baler w/Thrower
IH 435 Square Baler
Ford Scraper Blade

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AGCO DEUTZ ALLIS

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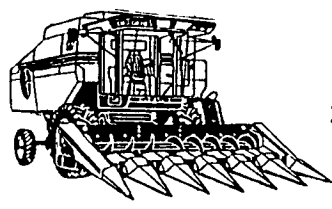
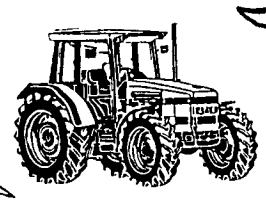

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Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
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Ford FORD NEW HOLLAND

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Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 AM-5:00 PM
Sat. 7:30 AM-12:30 PM

TRACTORS

AC 7030 D w/Cab
AC D19 3 Pt Hitch
AC D17
AC WD
MF 1150D w/Cab
MF 231D, Only 70 Hrs
MF 85, Excellent
JD 60 w/PS
White 1855D
Oliver 550
Case 500
Farmall H
Zetor 6245D w/Leon 690 Loader, Only 1003 Hours

COMBINES

(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
JD 3300 w/Cab, 12' Grain Head
NI 323 1-Row Picker, Excellent!
AC 630 Corn Head For N Or R Series Combines
JD 334 3-Row Corn Head
(2) JD 235 2-Row Corn Head

MISC.

(2) Weaverline 330 Silage Cart
Gehl Grinder/Mixer
M&W 2000 Bu Grain Dryer

TILLAGE

MF 11' Disc Harrow, Pull Type
JD 9' Disc Harrow, Pull Type
AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt Plow
JD 1000 12' Disc w/Trans Harrow
AC 600 Air Champ Planter 6-30' Rows
AC 600 Planters, 4-30" & 4 38" Rows
AC 600 Planter, 6-30" Row, Demo

HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
Gehl 5' Disk Mower, 3 Pt.

FORAGE HARVESTERS

NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
(2) Farm Hand Grain Bodies, 135 Bu w/ Running Gear
NH 717 Super Harvester w/1R Corn Head & Pickup, Excellent
NH #6 Forage Wagon

MANURE SPREADERS

NH 791, 360 Bu
NH 518, 217 Bu
NH 675, 275 Bu
NI 213, 177 Bu
NI 218, 260 Bu
NI 214, 220 Bu
NH 368 Tank Spreader

ATTENTION

Double Savings On Used Tractors, Combines And Implements. Extra Special Discounts For Cash Or Low Finance Available (Free Delivery Within 100 Miles)

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane — **Hamburg, PA 19526**

Phone Bus. 215-562-8377 — **Home 215-562-5740**

COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines; Good Selection Of 4WD Combines.
JD 8820 4WD, Full Equip. w/220 Flex.
JD 7720 Tita SOLD 15 Flex & 643.
JD 7720 4WD w/216 Flex & 643 Cornhead.
1982 JD 6620 Side Hill w/Full Equip.
1981 JD 6620 Side Hill Combine.
JD 6620 4WD w/215 Flex And 643 Corn Head.
JD 6620 LL, 1 Owner, Full Equipment, $20,000
(77) JD 7700, C A
(75) 6600 D. Rotary Screen
JD 6600 Gas w/443 Cornhead, As Is.
JD (77) 4400 D., C A
JD 4400D, CA Rotary Screen
JD 4400 Gas, 13' Grain
IH 1460, C A, Hydro, 4WD w/820 Flex & 863 Corn Head
IH 1420, 4WD w/843 CH.
MF 850 C A, Charge Cooled, 4WD w/9118 Flex.
MF 850 C A., Turbo, Hydro, w/17' Flex And 6R Cornhead
MF (78) 760 C A, V-8, Hydro, 4 WD, w/2 Heads
MF 750, Gray Cab, Air, Turbo Hydro, Real Nice
MF750 Gray Cab Hydro, Real Nice.
MF 1163 Corn Head, 2 Years Old
MF 760 C A, Hydro w/2 Heads
MF (76) 750 Cab, Air, Hydro
MF 550 C A, Hydro, 4WD
1980 MF 550 C A., Hydro.
MF 410 Gas
IH 915, Turbo Hydro, 4WD, w/810 Grain.
(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
IH (77) 715 D. C A w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.
IH 82 Pull Combine, Real Nice
N H. TR70 C.A. Hydro.
Gleaner N-5 w/15' Flex & 630 Corn (Needs Work)
Gleaner F2 D, CA, w/A430 Corn Head And 13' Flex
Gleaner F Gas w/13' & 430 Corn.
NI 702 D. w/727 bed & 3R C.H; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 643 Oil Bath, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head
I H 983, 963; 943, 863; 844; 833; 763; 744; 743, 327; 227.
Gleaner A638 Corn Head, ML 630; A C. GL 440, C440, A438 Black, F2, M430, Gleaner C430 C.H., F335.
M F. 1163, 1144, 1143, 63, 44, 43, 24.
N I 738, 743, 744W, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404).
NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.
820 16½ ' Flex.
I H. 810-13' Thru 17.5' w/ Reg. or Floating.
M F. 10'-16' Reg. or Floating Bar; A.C. E10'.
N.I. 713 Flex Or Rigid; NI 715 S Flex.

TRACTORS: Good Selection Of 4WD Tractors.
JD 2955 ROPS; JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C A P.S., Real Nice; JD 4450, C.A P S, MFWD, Real Nice, JD 4450, C A P S, MFWD, Duals, JD 4450, C.A P S, MFWD; 1988 JD 4250 C A P.S; (85) JD 4250 C A Q R.; JD 4050 C A P.S, MFWD, 1600 Hours; JD 4050, C A.Q R., 1900 Hrs, Excellent Cond.; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR, JD 4050, ROPS, Power Shift, JD 2950 C.A., MFWD; JD 2950 C A.; JD 8640 C A, 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C A P.S., Duals; JD 4840 C.A P.S. Duals & Quick Hitch, JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C A., QR, Duals; JD 4640 C.A.Q.R., 18 4x42 Duals, JD 4640 C A Q.R; 4640 C A.P.S.; 1982 JD 4440 C.A.P.S., 20 8x38 Radials; 1981 JD 4440 C.A.P.S., JD 4440 C A.P.S, FWA; JD 4440 C A.P.S, 4WD; JD 4440 C.A Q R; 1982 JD 4240 C.A.Q R., Real Nice; (82) JD 4240 C A Q.R.; (81) JD 4240 C A Q R; JD 4240 C A Q R., Nice, JD 4240 C A.Q.R; JD 4240 C A w/Creeper Trans; JD 4040 C.A.P.S., Real Nice; JD 4040, C.A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD w/ Ansel Cab; JD 2940 CA; JD 2940 MFWD; JD 2840; JD 2040, JD 8630 C.A, 4WD w/Duals; JD 6030 w/ cab, 30.5x32 Tires; JD 6030 CA duals, real nice; JD 4630 C A.Q R.; JD 4630 C A.P.S. (Rebuilt Power Shift); JD 4630 w/ cab, PS, 4WD; 4630 SR w/Cab & Air, JD 4630 Fender, Syncro Range; JD (77) 4430 C.A P.S, 4WD, JD 4430 C.A Q R; JD 4430 C.A Q.R, 20 8x38 Radials; JD 4230 CA, Syncra Range, Nice, JD 4230 C A Q R; JD 4230 C A Q R, As Is; JD 4230 ROPS, QR; 4430 ROPS, Syncro Range; JD 4230 Fender Syncro; JD 4230 w/Cab, QR w/Slight Fire Damage; JD 4030 Quad Range w/Cab; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320, JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff Lock; JD 4020 18.4x34 Radials w/158 Loader; 4020 S.C., W.F.E.; 4020 PS w/Cab 4020 WF, Powershift Orig. Paint, New 18 4x34's, 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl, Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4020 Power Shift; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD 4000D (As Is); JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; JD 3020 (As Is); JD 3020 G; JD 4010 WFE, Nice; JD 4010 D WFE (As Is); JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D, Tricycle; JD 3010 Gas, Tricycle; JD 3010 Tricycle, Gas; JD D 2510 Tricycle, Gas; JD 730D WF, 3 Pt., Original, SOLD; JD 720 Gas w/3 Pt.; JD 520 w/PS; 1950 SOLD
IH 6588 2+2, Real Nice; IH 5488, C A., MFWD, 20 8x38 Duals; IH 5488 w/Duals; IH 5488, C A, Duals, IH 5288 C.A, w/20 8-38 Duals, IH 5088, C A, 2 PTO's, 3 Hyd.; IH 5088 C A; IH 3588 2+2, C A; IH 3388 2+2, IH 3488 C.A, Hydro, Original; IH 4786 C.A. 4WD; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C A. Duals, IH 1486 CA; 1486 C.A. (As Is); IH 1086 CA, 3 hyd, 20.8x38 duals, IH 986 ROPS; IH 186 Hydro ROPS, 886 w/R G.; F786; F686 Original, Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 4166 C A., 4WD w/3 Pt., Nice; IH 1466, C.A., 18 4x38 Duals; IH 1066 Year F SOLD ab w/Air, IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); 1566 w/Cab; 1466 w/Cab; 1466, C A; IH (76) 1466 w/ROPS; 1466 Fender; IH 966 Year Round Cab w/Air; IH 966, IH 966D, WFE, TA, 2 Hyds; 966 Fender; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 w/2250 Loader; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/ Loader; Farmall 544 Gas, WF, 3 pt; F856; IH 856D (As Is); F826 (As Is); IH 806D, WF, 3 Pt.; IH 1206; IH 706 Gas (As Is); IH 560 Standard Dsl; Farmall 560 Dsl; Farmall 560 Tricycle Gas; Farmall 460G, Original; Farmall 350 Tricycle w/PS, FH, Farmall 140 w/Cultivator, IH Super AV w/Cultivator; Farmall A w/Plow.
AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 7080 C.A.; AC 7040 C.A.; AC 7010 C.A P.S.; AC 7000 Fender; AC 5040; AC 200 D original; AC 185, WFE, New Tires; AC D21 Series 2.
(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz Fahr DX 830 C.A.P.S., MFWD.
CASE IH.
Case IH 9130, C.A., 4WD, Like New; Case 7130 MFWD, 20.8x42, Duals, Like New; Case IH 7130, 20.8x42 Duals, 680 Hours, Like New; Case IH 7120 MFWD, 20.8x42 Duals, 900 Hours, Like New; Case IH 7120 MFWD, Real Nice; Case IH 5140 Ma n MFWD w/Damage SOLD Cab; Case 2294, C A P S, MFWD, Case 2294, C A.P.S.; Case 2094 C.A P S; Case 2094 PS, Fender; Case 4890 4WD Full Equipment; Case 2590, C A.P.S., 20.8x42; Case 2390 C A P.S, Duals; Case 2290 C.A.P S.; Case 2090 C.A.P.S, Case 2290, C.A.P.S.; Case 2090 C.A.P.S.; Case 1690 C A., MFWD, Case 1370 C.A P.S. (As Is); Case 970 CA; Case 970, Case 530 w/Power Steering And 3 Pt
MF 3545, C A., MFWD; MF 2805 C.A., 24 Speed, w/ Duals, MF 2705 C.A, 24SP., MF 2705, C A, 8SP.; MF 2705, C.A P.S; MF 2675 C.A. 24-Speed; MF 1800 C.A., 4WD w/3 Pt; MF 1150 w/Cab, MF 1150 Fender w/Duals, MF 1135 Fender; MF 1100; MF 1085; MF 1080D, Original; MF 285; MF 235; MF 175; MF 165D; MF 65 Gas w/Loader.
Ford 1988 TW35 Series II CA, MFWD w/Duals; Ford TW25, CA, Real Nice; Ford TW10 w/Cab; Ford TW10, ROPS, Dual Power, Ford 7700 w/Roll Guard, Dual Power And Load Monitor, Ford 7700 ROPS, New 18.4x34 Tires; Ford 8600 w/Cab, Needs Motor Work; Ford 6600 MFWD w/Long Loader; 1951 8N; Ford 8N, Good Cond
Versatile 500 4WD, Full Equip.
White 2-155 C.A., MFWD; 1981 White 2-135 Red Stripe, C.A., MFWD; WHITE 2-135, C.A.; White 2-105 w/Cab MFWD; White 2-105 C.A.; White 2-85 MFWD.
Oliver 1655 D, WFE; Oliver 1655 D; Oliver 2050; MM G1000 Nice.
Fiat Hesston 1380 C.A.
Steiger Bearcat 2 w/Duals & 3 Pt.; Steiger Bearcat w/3 Pt. & Duals.

Tractors & Equip. Just Traded:
JD 4425 w/216 Flex, 300 Hrs., Like New; Brillion 21' Hyd. Fold, Crow Foot Cultimulcher; NI 325 w/12 Roll Bed; JD 7700 Combine w/Fire Damage; IH 710 6X 18" Spring Reset Plow; JD 7000 4R Conservation; Lilliston 9690 10' No-Till Drill; JD 315 Heavy Duty; JD 343 CH w/Adapter Plate; F856; Case 1690 C.A., MFWD, Real Nice; Case 1070; JD 2640, Full Equip.; AC 3300 20' Hydra-Fold Disc;
F806D WFE, Oliver 1550 Gas, Gehl 960 Box w/Roof, JD 4020 Side Console, PS, IH 1586 R O P S, Lely Roterra JD 920, 15' Cultimulcher JD Stack Mover, JD 843 Oil Bath Bush Hog SC900 Soil Finisher
(New) NI 325 Corn Picker w/12 Roll Bed.
CORNPICKERS (4) NI 325 w/12 Roll Husking Bed, Real Nice, (4) (Used) 325 2RN w/12 Roll Husker, Shellers & Super Shellers, New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice NI 325 w/12 Roll Bed, Good Cond, (4) (Used) 324-2RW w/12 Roll Huskers NI 324 w/Sheller, Shellers & Super Shellers, NI 323 Nice, NI 323, NI 323 Picker, NI 330 3R Picker w/12 Roll Bed, JD 300 Picker w/243 Corn Head, Real Nice Farmall M w/NI 319 Picker
New N I 329 Super Sheller List $6700 00, Special $3 550, N I 330 - 3 RN w/Supershellers, 325 2RN w/Grinder
PICKER NI 319 2 Row Mounted Picker w/12 Roll Bed, NI 305 Mounted Picker w/12 Roll Bed
FORAGE EQUIP Forage Harvesters w/Choice of Heads
JD 5720 C A 4WD w/3R & 7' Hay Pickup, Real Nice JD 5460 4WD w/3R & Hay Pickup, JD 5200 4WD JD 3970 w/Spout Trak & Row Trak w/3R & Hay Pickup, JD 3970 w/7' Pickup, JD 3960 w/2 Heads, Full Equip, JD 3940, JD 3800 Chopper Hay Pick-Up, JD 3960 w/3R Cornhead, JD 38 w/2RN & Hay P/U, JD 35 Chopper
NH 1895 C A, 2WD w/Auger Base, Hay Pickup 3RN & 3RW Corn heads, NH 1890 4WD w/3 Row Auger Base & Hay P U, NH 1600 w/Metal Alert w/3R & Pickup, NH 900 Tandem Axle w/Metal Alert II w/824 Corn Head & 900W Pick up, NH 900 Chopper, Like New, NH 900 Chopper, NH 782, Nice, NH 782 Chopper, NH 770 Chopper w/2R & Pickup, Good Condition, NH 718 w/Hay Pickup, IH 720 w/2R And Pickup, IH 781 Chopper w/2R & Hay Pickup, IH 830 Chopper w/2R & Hay Pickup IH 830 w/3R Cornhead
NI 709 4WD Chopper w/3R & Hay Pickup, 717 Combine & 13' Grain
Gehl 600 w/2R & Hay Pickup, Gehl 600 w/2RN, Gehl 400 w/2RN
Hesston 7140 w/Hay Pickup
Field Queen Self-Prop Chopper w/ Cab And 2 Heads
NI 709 Uni, 4WD, w/767 Chopper
Fox Super D w/Cab 3R C H & PU
Fox 3300 w/2RN & Hay Pickup
Gehl CB 1200 Chopper
Balzer 1014 Hydraulic Dump Station

FORAGE HEADS NH 890A Auger Base w/890 N3 Corn Head, NH 824 Corn Head, NH 880 3RN Silage Head, NH 890 EN2 Snapper Head, NH 717 S Direct Cut for 770 & S717, 890 EN-2RN Snapper 770 1R Snapper, (3) NH 822 Silage NH 890 w/2 or 3R C H NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1R & 2R Silage, NH 880W PU, NH 880 S Direct Cut, NH 974 4RN Corn Head w/Adapter Plate
J D 2 & 3R Snapper, 2 & 3 R Silage, JD 3RW Silage Head Used 5½ ' and 7 Hay Pickups JD 443 w/ Adapter Plate, JD 443 Low Profile Corn Head w/Adapter Plate For Harvester, JD 343 Cornhead w/ Adapter Plate, JD 243 C H w/ adapter plate, 3 JD C H harvester adapter plates, JD 6' Direct Cut Head
2RN for 650, NI 766 Hay PU, Gehl 2RN Corn Head
NI 768 WN 3R Corn Head, NI 763 3R Corn Head
2 CSB 2RW - Snapper, 263 2 RW, 109 Hay Pickup

BLOWERS Gehl 1580, Farmhand Burr Mill Blower
FLAIL CHOPPERS IH #8, JD 16A Flail Chopper, Brillion 6R Stalk Shredder, Gehl 7200 Flail Chopper, NI 4R Stalk Shredder, IH #50 4R Stalk Shredder
SILAGE WAGONS JD 716A Tandem w/Roof, JD 716 Tandem w/Roof, IH 130 Tandem Axle w/Roof, JD 216 Wagon w/Roof, NH 8 Wagon w/Roof
HAY EQ., BALERS IH 8540 Baler w/ Thrower, Real Nice, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 467 Wire, JD 347 w/ Thrower; JD 347 w/Thrower (As Is), JD 337 w/#40 Ejector, JD 337 w/Thrower, JD 327 Baler w/ Thrower, JD 327 Baler w/ Thrower, JD 327 Baler w/ Thrower; JD 346 w/Thrower, JD 24T w/#30 Ejector
Ford NH 326 Baler, 3 Yrs Old, NH 316 w/#70 Thrower, Nice, NH 425 Wire Tie Baler, NH 320 Baler w/70 Thrower, NH 316 w/#75 Thrower, Real Nice, NH 315 w/70 Thrower; NH 315 w/Thrower, NH #75 Ejector, Hesston 4600 In-Line Baler w/Thrower, IH 435 w/#15 Thrower, IH 425 w/#15 Thrower
ROUND BALERS JD 410, NH 853 w/ Bale Command, NH 849 w/Auto Wrap, NH 848 w/Memory Wrap, NH 851 Rd, NH 847 Auto Wrap Real Nice, NH 847 w/Auto Wrap Like New, NH 847 Auto-Wrap, NH 847 w/Auto Wrap, NH 846 Auto-Wrap, Gehl 1850, IH 2400 IH 241, NI 456

RAKES
NI 406 Hyd SOLD lly Wheel, NH 56 NH 256, (New) PZ 420 Rake Grimm 4 Star Tedder, Deutz Fahr 252 4 Star Tedder, Deutz Fahr KH 700 6 Star Tedder, Pequea 910 Tedder, Grimm 8' Tedder
Ford NH 144 Windrow Inverter (Demo)
Pequea 466 Windrow Turner
Gehl 3 Pt Bale Mover

HAYBINES Ford NH 1496 C A Hydro w/New Rolls, (1982) NH 1495 D C A Hydro 800 Hrs, NH 1495 Gas w/Cab NH 1495 Gas Haybine, NH 499 Hydro Swing, 495 NH 489 Haybine, Nice, 489 NH 489, NH 479, NH 478, Nice 478 NH 477; SOLD JD 1219, JD 1209, Deutz Allis SM-70 Discbine, IH 1490 12' Center Pole Hydraswing, Case IH 8340 Haybine Used 1 Year
New MC 7E

BALE WAGONS NH 1005 and 1010 NH 1012 NH 1030, NH 1033, NH 1002

PLANTERS (2) JD 7200 6R Planters Full Equip, JD 7000 8 Row Planter w/Dry Fert, JD 7000 6R Cons Dry Fert, JD 7000 6R Corn Planter, Dry Fert., JD 7000 6R Planter JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/No-Til, JD 7000, 6RW Plate Planter, JD 7000 4RN, Fully Equipped, Real Nice, 7000-4R Dry & Liquid, JD 7000 4R Plate Planter, IH 800 6R Planter, IH 800 4RN Liq Plate Planter, IH 56 4R Planter, Hiniker 4R Econotill, No Till w/Kinze Units

DRILLS Lilliston 9690 10' No-Till Drill, Real Nice, Lilliston 9690 10' No-Till Lilliston 9670 8' No Till, Haybuster 1206 No-Till Drill, Tye 12' No-Till Drill, JD 8300, 24x6, JD 8300 21x7 Single Disc Drill, JD 8300 Drill 21x7 DD, JD 8350, JD 1500 3 Pt Power Drill, JD 9300 Tandem Drills, Tye 24x6 Drill, IH 5100 24x6 w/Grass Seed & Press Wheels, Real Nice, IH 5100, 21x7 w/Press Wheels, IH 5100 21x7 DD w/Press Wheels, 1H 5100 24x6 Single Disc w/Grass Seed, Like New, 510 24x6 Double Disc, IH #10 DD Drill w/Grass Seed, MF 43, 22x7 DD, (New) Brillion 10 Transport Seeder, Brillion 10' Transport Seeder, Real Nice Brillion 10' Seeder w/Transport, Brillion 10' Transport Seeder, Brillion 5' 3 Pt Seeder, Brillion 10' Seeder, Ford Lime Drill w/Grass Seed

GRINDERS/MIXERS JD 750, NH 357, NH 354, Bearcat Roller Mill, NH 396 Tandem Axle Tub Grinder

TILLAGE EQ. Ford 3X, White 348 3X, 18" Spring Reset, Ford 3X Spring Reset IH 710 3X 18' Spring Reset IH 710 3X Semi, IH 4X, JD 845 4X Roll Over, JD 1250 4X Real Nice, JD 1250 4X Plow, JD 2600 4X, JD 145 4X Plow, JD 1450 5x18 Plow, JD 2600 4X Trip Plow, IH 720 5X Reset New Taylorway Ptts SOLD 18" Spring Reset, White 549 5x18" Plow IH 700 6X Auto Reset IH 720 6x18 Plow IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On Land JD 2700 6X Plow, JD 2800, 6X On Land, JD 2800 6X On-Land, Case 400 6x18 Spring Reset On-Land, (2) JD 945 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800, 7X On Land IH 710, 7X On-Land, JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land JD 2800 8X Plow

CHISEL PLOWS IH 55 9 Tooth, Brillion 10', Brady 12 Chisel Plow, JD 1600 12' Pull Type, AC 1600 14' Pull Type, AC 13' Chisel Plow Bush Hog 10' w/Buster Bar

DISCS MF 3 Pt 9' Disc, Miller 11' Offset Disc, Miller 10' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770 20' Hyd Fold Offset Disc, JD 110; JD 110 14', JD 210 14' Disc, Real Nice, JD 230 13' Disc, JD 1630 11', Oliver 242 14', JD 215 Disc, JD 215 Disc, Kewanee 15' Rock Flex Disc, Real Nice, IH 500 15' Disc, Miller 12' Offset Disc, White 15 Offset Disk Krause 1587 17 Center Fold Rock Flex, IH 496 18' Hyd Fold w/New Blades, Dunham Lehr 34-20' Rock Flex Disc, JD 235 23 Fold Disc, JD 230 24' Hyd Fold Disc, JD 235, 25' Disc

MULCH TILLERS JD 1710 11 Tooth Mulch Tiller, Glenco 9 Shank Soil Saver; Bush Hog 13' Soil Saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver

CULTIMULCHERS (NEW) Brillion 21' Flat Fold, Chattanooga 10', JD F950 12', Brillion 15' Cultimulcher, Brillion 12' And 15' Cultimulchers, Brillion 13 Ft Cultimulcher, Brillion 13', Brillion 14' Cultimulcher, Dunham Lehr 15', IH 315 15', JD 12'

CULTIVATORS JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator, (2) 4R S Tine Cultivators, (2) Westco 6R S-Tine Cultivators, JD 6 Row Cultivator JD RM 6R, IH 65 6 & 8R Front Mounted Cultivator Oliver 6R Front Mount JD 8R Cultivator, 8R S Tine Cultivator JD 1010 28 Hydraulic Fold Field Cultivator, Glenco 26' Flat Fold Field Cultivator, White 283 20 Hyd Fold Harrow, Brillion 23 Hyd Fold Field Cultivator Brillion 14' Field Cultivator, MF 14 Field Cultivator, IH 12' 3 Pt Field Cultivator

MISC Brillion 15 Packer, Brillion 12 & 14' Packers, JD 400 15' Rotary Hoe, JD 400 20 Rotary Hoe, JD 400 15' Rotary Hoe JD 414 14' Rotary Hoe Brillion 12' Double Packer, IH #11 5&7 Shank Spring Reset V-Ripper, Tebben 7 Tooth Pull Type Subsoiler

INDUSTRIAL IH 3444 Diesel Industrial Tractor Loader w/3 Pt And PTO IH 3616 Dsl w/Ldr IH 510 4WD Payloader, Long 1199A 3 Pt Backhoe, New Arps 740 3 Pt Backhoe MF 2200 Dsl Forklift As Is Oliver 551 Forklift
1978 Case 580C Dsl L B, ROPS Cab w/Heat AC 715B L & B IH TD14 Angle Blade $2 995, JD 450C Crawler Loader, JD 555 Crawler Loader, 4 In 1 Bucket For JD 450

SKID LOADERS Gehl 4610 Dsl Case 1835B, Case 1830, 1987 Melroe Bobcat 743 Dsl, Case 1740 Dsl JD 170

LOADERS & BLADES JD 58, 145 148 280, IH 2455 Loader, IH 2355, Like New, 2250, Farmhand #258 (JD 4230), Artsway HD loader for 4WD, Westondorf 64L, AC 470 Loader, Ford Ldr For 8000 Etc, JD 8' Dozer Blade For 4430, Etc, Amco 905 Heavy Front Blade, York 8 3 Pt Stone Rake, York 8' Stone Rake w/ Scarifier, JD 155 9', JD Heavy Front Blade For 2940 Thru 4640

LAWN & GARDEN 1988 JD 1050, R O P S, 2WD, SOLD w/ Loader, JD 950, R O P S, 2WD, JD 850 w/Belly Mower JD 650 2WD w/Front Blade Kubota 185 w/Woods Mower, Kubota B6200 MFWD w/Loader & Woods 400 Mower, Kubota G5200 w/Mower White 2-30D, IH 284 w/Belly Mower, IH 284 w/3 Pt., Nice, JD AMT 622 JD 600 AMT Ford 1300 Dsl w/Belly Mower, Gravely 9000 Commercial Mower, Simplicity Dsl, JD 600 5 Wheeler, Cub Lowboy, Cub 184 w/Mower & Creeper Trans, IH Cub 154 Lowboy w/Woods Mower & Snow Plow, Cub Lowboy w/Mower, Farmall Cub w/Equip, Cub Cadet 782 Diesel, Like New, Cadet 1862 JD 935 D w/Front Mower JD 400 w/Cab & 3 Pt JD 332D, JD 318, 317, 214 212, 210, 160 JD 318 Blade & Snow Blower, (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series
New Yanmar YFL 1000 Ldr

ROTARY CUTTERS JD 1508 Wing Cutter, Sunshine 6 Servis 15 Hardee Ditch Cutter
SICKLE MOWERS NH 450 IH 1300

MANURE SPREADERS New H&S #310 Tandem Axle Spreader New JD 450 Push Spreader, Badger 5800L 1500 Gal Tandem Tank w/Vacuum Better Bilt 1500 Liquid Spreader; Clay 1500 Gal Liquid Spreader w/Vacuum JD 450 Hydra-Push, NI 3 SOLD m Spreader, Martin V3300 Tandem Tank, NI 212, NI 12A

New Killbros Bins & Running Gears

MISC Walinga 510 Agri Vac, Artsway 800B Feed Mix Wagon, (9) Grove Flat Wagons, (New) Mayrath 32 Elevator, Riteway Rock Picker, Leon Rock Picker, Rock Picker, Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD, I H Flat Top Fenders For 706-1466, I H 66 Series Cabs, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, New WFE For Ford 7700, Case Motor For 970
J D Roll-Guards

(NEW) NEW IDEA CORN PICKERS
Truckloads of 1R #323 & 2R #324 Pickers.
Also Super Shellers
Below Dealer Cost
Dealers Welcome Also
NEW IDEA
Available Only From Stitzel's Financing Available

FEBRUARY SPECIALS

TRACTORS	
MF 1100	$ 2,875
(70) JD 5020	$ 4,000
IH 1086 C.A.	$ 8,900
Steiger Bearcat w/3 Pt & Duals	$ 6,975
COMBINES	
1973 JD 6600 D. C.A. w/Grain Head	$ 3,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 6,900
IH 715 Gas w/Cab & , 810 Grain	$ 3,900
M F. 510 Diesel w/Cab & Q.T. Grain	$ 2,500
JD 4400 Gas	$ 3,000
MISC.	
NI 325 w/12 Roll Bed	$ 2,500
IH 800 4 Row Plate Planter	$ 2,500

Largest Selection Of Quality Farm Equipment In The East

MISC. USED EQUIPMENT & TRACTORS

USED TRACTORS

Case 1494 4WD
IH 235 4WD w/5 QA Loader
IH F706D
IH 884 2WD
Cub low boy w/54" blade
Case IH Maxxum 5130 4WD w/510 Loader
Ford 3910 Series 2
Cub Cadet 1572 Diesel w/60" Mower
495 4WD w/2250 Loader
Used Woods 1860 Mow'n Machine

USED EQUIPMENT

JD 3 Btm, 3 pt. plow
Ford 5 Btm. Plow
JD 210, 14' Disc
IH 800 6R planter
Kuhn 200 Mower Conditioner
NI 353 Spreader
IH 440 Baler w/Thrower
NH 488 Haybine
IH 311 Mower
NI 3639 Spreader
IH 3082 Backhoe
IH 510 Drill 18x7

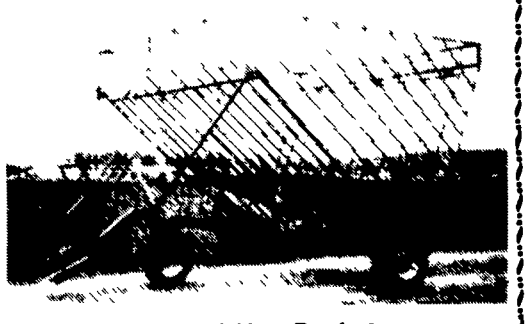
Auction Sale - March 27

BIGGS INCORPORATED
190 Biggs Hwy.
Rising Sun, MD
410-658-5531

case IH

DH 210 Manure Pump 6'-14'

With Dual Agitator, rotates at 270°, full or partial hydraulics & manual operated with flexible spout on agitator. It chops heavy straw. (Check our price before you buy.) Option: Variable depth pitch. 6 to 10', 8 to 12' & 10 to 14'



Dry Hill Hay Basket With New Improvement!

- New Wheel Wells
- Width 142", Height 121"
- Swivel Wheel 25x7.50x15
- Capacity 110-120 Bales
- Quick Latch: Easy Release & Close Latch System
- Eliminate Need Of Bale Thrower
- New Easy Slide Tubing
- Tire 11Lx15
- Heavy Duty Tongue
- Stabilizer Construction

$2,300.00 F.O.B. Dryhill Shop

Renting Lagoon Manure Pumps

* Gutter grate made to order
* Self-close headgate
  5% Off Through June
* Round hay feeders
* 2-7 horse hitch, yoke & jocket stick
* Stainless steel welding

DRY HILL FARM SHOP
102A New Holland Rd.
Gordonville, PA 17529
(717) 768-8577
Dealer Inquiries Welcome

All Combines Sold— Free Parts For One Season If In Our Parts Lot.

Dismantling For Parts:

Combines, Cultivators, Discs, Drill, Harvesters, Haybines, Mowers, Pickers, Planters, Plows, Spreader, Tractors

Combines for Salvage

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74 JD 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, AC N5, F, F2, L, M, M2, K, G, E, C, C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI. Uni, 710 Combine, NI 717, Huskers, 705, 702, 701, Combine shellers & harvesters Case 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle.

Parts For IH 1440, 1460 Rotarys & 717 Combine | **NI 802 w/Harvester** | **JD 6600 & 6620 Side Hills**

Financing or Lease Available

COMBINES

Late MF 550 Hydro Diesel, 4x4, Gray Cab w/Heads
AC F Diesel w/Heads
IH 1440 Rotary w/Heads
IH 1460 Rotary w/Heads
1977 MF 510, Hydro Diesel, Cab, Air Big Rubber w/ Heads, Real Nice
1975 6600 Side Hill, Diesel, Hydro, 3500 Hrs, w/6R & 15' Flex
1981 AC, N5 Rotary Combine w/6R 30" Corn, 15' Flex
1978 JD 6600 Side Hill, hyd diesel, 2800 hrs, w/6R 30" corn & 215 flexhead, real nice local combine
JD 7720 hydro diesel, 1800 hrs, w/6R 30" low tin, 4R 38" high tin, JD 216 grain head, right out of corn
NH TR 85, hydro, Cat diesel, choice of heads
Late IH 915 hydro diesel, turbo, big rubber, out of corn, choice of 6R or 4R & grain heads, nice
ACK w/cab, 3R 30" or 2R 38" & grain
ACA w/grain, 2R 30" or 3R 30"
NH TR70 Cat diesel, hydro, choice of grain 4R or 6R 30"
NI 717 combine & grain head
AC F2 diesel turbo, hydro, roll up auger w/heads
AC F2 diesel, gear drive, choice of heads
JD 4420 diesel, big rubber, choice of corn & grain heads, nice
JD 6620 diesel,hydro, $15,000
AC A2 w/grain & 2R & 3R 30"
AC E w/grain & 2R or 3R 30"
AC M2 w/grain & choice of 6R or 4R corn
Oliver White 7600, gas, hydro, w/ grain 4R 30", 6R 30" corn
NI 702 uni, gas, cab w/710 combine, husker & 2R head
JD 7700 dsl gear drive w/heads
JD 6620 hydro, diesel, level land
1979 JD 4400 3000 hrs, nice
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
JD 55 sq back w/grain head & 30" 3R corn
AC F-2 diesel w/heads
1976 AC F diesel w/4R corn & grain
1976 AC F D w/choice of heads, big rubber, nice
AC F diesel, new motor w/heads
1979 MF 550 hydro D
MF 510 diesel w/grain saver 4R 30" corn & grain, $3 875
MF 510 diesel, hydro w/heads
MF 760 diesel, turbo, hydro, choice of heads
MF 35 SP w/8' grain & 2R corn
(2) IH 82 pull type auger feed, nice
IH 93 w/10' head, nice
IH 205 w/cab, grain & 2R, nice, 3R 30"
Late IH 715 w/German diesel & heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 715 hydro diesel w/grain & corn
NH TR70 Ford diesel, choice of heads
6R 30" CH or 4R 38" CH

MOWERS/ ROTARY MOWERS

IH Fast Hitch 7' Mower
AC trailer type belt drive
(2) JD 6' pull type
JD 7' trailer, offset wheels
3 pt. 6, 7 & 8'
JD 10' 1408, 3 pt
JD 15' #737 rotary mower
Also pull types
Rotary mower
Ford 7' 3PT
IH 3PT belt drive
IH 14' #60 flail SOLD pper
NEW 11' rotary mowers HD up to 125 HP

GRAIN DRILLS & PLANTERS

IH Late 56, 4R 30"
(2) IH 56, 4R
JD 1240, 4R
JD 2R 3 Pt
IH 2R 3 Pt.
(2) IH 2R, Pull Type
IH 400 Air, 4R
JD 7000 4R, 30" w/insecticide & monitor, $5,500
JD 7000 4R, 30" dry fertilizer, $3,850
(2) JD 8250 w/grass seed, fertilizer, hooks together, tandem hitch, like new
IH 5100 DD w/grass seed & press wheels, nice
Ontario single disc w/fertilizer & grass seed
JD FBB w/grass & fertilizer

SPREADERS

NH tank spreader
NI tandem
NI single beater
Martin auger front spread tandem wheels
NH 667 tank rt hand throw

WIDE FRONT ENDS & DUAL WHEELS

WF Ends IH 460, 560, 706, 806, 856, 756, 1256 AC D19 Ford 5000 MM G1000 Oliver 88, 1800 JD 2510 thru 4020, 4020 WF 2 sets of 1834 duals

CORN PICKERS

NI 324 2R 38", 12 roll bed, nice
NI 323 1R $1,225
NI 323 1R $1,450
NI #10, nice
NI 323 1R w/rubber rolls $1500
NI #311 2R 38" Pull Type
Woods 1R pull type
NI #7 1R Pull Type
NI 702, w/husker, 2R head
(2) NI 12 roll beds for 324, 325 pickers
NI 310 1R
JD 300 w/2R, 30"
(2) NI 324 2R, 38"
NI 325 2R, 30"
Farmall 460 gas w/IH mt, 2R

60 PLOWS

White 588 5 Bottom 18" Trip, Real Nice, $2,350
MF 12T trailer type, chisel plow
White 10T trailer chisel
DM 3 pt, 12T chisel plow
IH 700 4 bottom, 16" trip, nice
2 & 3 bottom 3 pt plows
JD 3 pt 4 bottom 18" or 3 bottom 18" roll over
(3) JD 1450 5 bottom 16"
(2) JD 1450 5 bottom 18"
JD 1450 6 bottom 16"
(2) IH 540 4 bottom 16"
(2) IH 550 5 bottom 16"
(2) IH 720 6 bottom 18" spring reset
(2) IH 710 5 bottom 16' spring reset
(2) JD 2500 5 bottom 18" spring reset
JD 2500 6 bottom 18" spring reset
JD 2700 8 bottom 18" toggle trip
IH 720 6 bottom 18" toggle trip
(2) IH 4 bottom 16" trip
(2) JD 4 bottom 16" trip
Lots of other makes & models

LOADERS

AC D15-D17
Snow blades for loader or front mounted
IH fits Super M
IH w/2 hydr buckets off MF 65
JD dozer blade like new fits 4020 to 4840 & other tractors
JD 45 for 2 cyl tractor, real nice
JD 45 loader
NI w/hyd bucket
MF 65 ldr

NEW FARMCO ITEMS

Bale wagons, 20' cattle feeder w/wheels
Cattle feeder, w/legs

GOOD RUNNING MOTORS

Tractors JD 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 2020, 1010 IH 1066, 966, 856, 806, 756, 706, 656, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M AC D15, D17, D19, WD, WC, XT 190, 210, 220, CA, C Case 530, 300 Ford 8N, NAA, 800, 871, 3000, 4000, 5000
Combines JD 7720, 7700, 6620, 6600, 4420, 4400, 3300 IH 1460, 1440, 915, 815, 715, 615, 315, 205, 203 AC L, M2, F, C2, G, E MF 760, 750, 510, 410, 300 NI V6 gas & diesel

(2) IH 6 cyl gas w/clutch
Chrysler ind 8 cyl w/clutch
6 cyl Hercules w/clutch

35 DISCS & ROLLER HARROWS

Krause 15' rock flex, heavy blade & axles
Brillion 18' Wing Harrow
JD 220 18' hyd fold
McKee 18' hyd fold, field cultivator
Kewanee 18' wing rock flex
JD 230 Rock flex, 22' double hyd fold
White 18' wing disc
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) IH 500 13' & 14'
(2) JD 210 13' disc
Birch 24' double fold disc
White 18' wing disc
Lots of other makes & models
JD 230 22' Hydraulic Fold, New Paint, New Blade

HAYBINES

MC Rotary Scythe
MF Flail Mower
(2) IH 1190, 9' Nice
IH 1190 7' New Paint
NH 489 9' Reconditioned, A1
NH 1495 12' Gas, Cab, A1
NH 495 12' Pull Type, Nice
Hesston 1010 Hydro Swing
IH 225 Gas 10' Cab, $2,500
(2) IH 990 9'
JD 480 9
NH 479 9
NH 477 7'
JD 1209 9

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert Spreaders
Cement Mixers

HARVESTERS & UNLOADING WAGONS

IH #10 Flail Chopper
NH 33 5' Flail Chopper
NH 38 Flail Chopper, 1975
IH 720 w/Pick-Up & 2R
(2) bin corn wagons, $600, $800
Fox 2300 & 2R cord belt type
IH 781 w/2R & pickup
Gehl 300 w/1R & pickup
NH 717 2R 30" cornhead #742
Badger 3 beater tandem wheels, unloading wagon w/roof
Gehl 3R harvester head, $750
Gehl CB800 w/2R 30" corn
IH 720 w/2R corn & pickup
Papec w/2R corn & 2R snapper
IH #8 Flail Chopper
IH 720 w/2R 30" or 38" Corn Head
JD 15A 5'
JD 16A Flail Chopper
Gehl 600 w/1R
NH 890 & 880 P/U & corn head
NH 38 6' flail chopper
NH 2R 30" corn head, $500
JD 38 all elec controls
JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
JD 16A flailchopper
IH direct cut for 50 - 555 - 550 - 650
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon

EXTRA CORN HEADS & GRAIN HEADS

IH 3R 30" fits IH 205 or 315
NH TR75, & 85 4R 30", Nice
NH TR75 & 85 flex 16' head
AC F, F2 ridgid grain heads
JD 3R 30" for 3300 or 4400
NI 713S Flex, 13'
(2) JD 4R sunflower & beam heads
JD 215 Flex w/AC M, & L hookup
JD 6R 30" for side hill
White 4R 30", 4R 38"
AC L, M 13' Grain
JD 216 Flex
JD 220 20' flex, nice
JD 213 13' flex & ridgid
JD 215 15' flex & ridgid
IH 810 flex & ridgid
White 8600 15' flex
MF 20' flex & 15' flex U2 reel
NI 11' ridgid & 13' flex
IH 844 4R 38"
MF 6R 30", 4R 38", 4R 30", 2R 38", 3R 30"
AC 6R 30", 4R 30", 4R 38", 4L or M
AC G Combine, F Combine, 4R 38"
IH 203, 205, 315, 2R 38"
IH 615, 3R 30"
JD 45, 55, 3R 30"
JD 105, 6R 30", 4R 30", 4R 38", 6R 30"
NH 4R 30", 4R 38" & Grain heads
Lots of other heads in stock

GRINDER/MIXER

NH 353 w/Extended Auger, Ex
NH 357 w/Extended Auger, Nice
NH 354 w/extended auger, nice $3850
NH 352 $1850
NH 358 long extension auger
IH 1150 $1875

MISC.

NH 24' Elevator w/Motor, Nice
NI 36' bale & grain elevator
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
New Case backhoe loader bucket
IH & JD mowers
20' grain or feed elevator, $250

CULTIVATORS

6 or 8 row hyd fold
4 & 6 row

TRACTORS

JD 2010 Gas, Row Crop, WF
JD 3010 Diesel, WF, $5,750
IH 856 Diesel, WF
IH 784, 4x4, New Paint, w/New Case IH 2255 Loader
Farmall Super MTA w/Fast Hitch, Power Steering, New Paint
Case Vac, New Paint
Ford Super Major Diesel Loader & Backhoe, Good Unit
Case 530, Gas 3 Pt
IH 784, Needs Motor Work
JD 4020 power shift, side console, WF
MF 85 gas, 3 pt
AC D17 diesel, WF
AC 185 diesel
IH 574 diesel, row crop, nice
Farmall Yellow Cub w/belly mower
Farmall 656 diesel, real nice
Farmall 560 gas, NF
Farmall 504 gas, WF
Farmall 400 diesel, PS, real nice
Ford 7000 turbo diesel
JD 2010 diesel nice
JD 4010 diesel, WF
IH 560 diesel, $2950
IH 560 diesel, $3500
IH 806 diesel w/3 pt standard $4950
IH 424 gas, power steering
MF 2244 Crawler Loader w/4N1 bucket
3 cyl Perkins Diesel
Farmall 806 Diesel, turbo w/3 pt, $5500
IH 806 diesel, fast hitch, $3875
David Brown 990 diesel, runs nice $2600
IH 560 D extra sharp
IH 400 gas w/pulley
IH 340 Crawler Loader w/4-N-1 Bucket
Farmall 706 diesel
Ford 600 Forklift
Oliver 1650 diesel WF
Farmall 656 gas, WF, $3,950
JD 40, 3PT, WF
Cat D4 dozer w/hydra 9' blade & winch
1953 Ford NAA, $2,950
IH 424 gas w/ or w/o loader
Int. 3414 ind diesel w/loader PTO, 3PT
IH 656 diesel, WF
IH 450 G P/S, fast hitch, nice
JD MT
(4) Farmall F20 2 motors stuck
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66
Oliver 66 gas, nice
Oliver crawler w/roll guard
Ferguson 30, 3PT, $1,950
MF 135 w/power steering
AC HD5 diesel crawler loader now in use
AC 185 diesel, nice
Oliver OC3 crawler, wide track & PTO
Case 4WD Pay loader, $3,000

BALERS & RAKES

NH 273 w/Thrower
Ford 542 w/Chute
NH 273 w/Chute
IH 430 w/Thrower, $1675, Nice
JD 336 w/Kicker
JD 640 Rake
NH 56 Rake
MF 1560 Belt Round Baler $4,500
NH 851 Round Baler
NH 851 Au SOLD und Baler
Gehl 1500 Belt Round Baler
IH 241 belt round baler
JD 24T, w/Chute, Nice
NH 852 round baler auto wrap

Tractors for Salvage

IH: TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD M, 4230, 4020 dsl, 4010, 3020 dsl, 3010, 2510, 2020 dsl, 2010, 730D, 720, 430, 420, 70, 60, 50, A, B AC 5050, AC 200, 190XT, AC 170, 180, AC 185, D14, D15, D17, D19, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20 Case 600, 530, 440, 310, 300, DC, SC, VC, VAC. Ford 6000, 5000, 4500, 4100, 4000D, 3400 ind, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Ford major, 5000 Oliver OC3 Crawler, OC6, 1800, 1600, 880, 770, 550, 88, 77, 70, 66, 60, 55. MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990 New Field & 345 Leyland, gas track crane w/boom for parts. AC HD 5 crawler ldr, 200. Sheppard diesel

KEITER'S FARM MACHINERY

Halifax, PA 17032 Rt. 225; 20 mi. north of Hbg.
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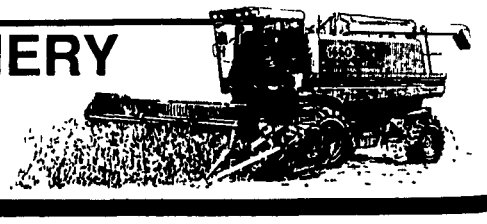

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Mon. Thru Fri. 7 AM To 5 PM **Sat. 7 AM Till Noon**

Brillion
TILLAGE EQUIPMENT

Harley
LANDSCAPE POWER RAKES

PLANTING EQUIPMENT

0% Interest Til April 1, 1993

JD 7000 4R30 Cons. Corn Planter (SOLD)	$ 5,350
JD 7000 4R30 Cons. Corn Planter (SOLD)	$ 6,250
JD 7000 6R30 Cons. Corn Planter	$ 7,750
Lilliston 18x7 Til Drill (SOLD)	$ 6,850
Great Plains 15-Ft. No-Til Drill	$10,900

TILLAGE

JD BW 12-Ft. Disk Harrow	$ 650
JD 10-Ft. Roller Harrow	$ 825
JD 350 5B16 Plow	$1,400
IHC 710 5B16 Plow	$2,100
JD 2500 5B16 Plow (SOLD)	$3,850
JD 315 14-Ft. Disk Harrow (SOLD)	$3,950

HAY AND FORAGE EQUIPMENT

0% Interest Til May 1, 1993

JD 660 Rake	$ 1,800
JD 1380 12-Ft. Mower-Conditioner	$ 1,500
JD 1219 9-Ft. Mower-Conditioner	$ 4,150
JD 1460 9-Ft. Mower-Conditioner	$11,900
IHC 430 Baler w/Ejector	$ 1,650
NH 320 Baler w/Bale Chute	$ 3,800
JD 336 Baler w/JD 30 Ejector (SOLD)	$ 4,550
JD 336 Baler w/JD 30 Ejector	$ 6,250
JD 435 Round Baler	$12,500
JD 35 Forage Harvester	$ 1,850
IHC 830 Forage Harvester w/2R30 Corn Head	$ 4,150
JD 3960 Harvester, Elec. Controls, w/2R30 Corn Head	$10,500
JD 716 Forage Box w/JD 1275 Wagon	$ 5,500

Parts Express SPECIALS

Sweeps & Shovels

3" X 22"	Twisted	ONLY	$ 7.02
3" X 24"	Twisted Concave	ONLY	$ 12.22
4" X 22"	Twisted	ONLY	$ 12.86
4" X 22"	Twisted Concave	ONLY	$ 15.17
2" X 14"	Straight	ONLY	$ 5.65
2" X 10 ½"	Universal	ONLY	$ 2.39
7"	Field Cultiv. Sweep	ONLY	$ 2.74

ONLY per $1.15 tube

John Deere All-Season Lubrication Grease Works in Hot Or Cold

John Deere Grease Guns

Pistol Grip ONLY $13.50 #TY15381

Lever Action ONLY $10.20 #TY15410

John Deere Corn Planter Parts

☐ Carrier Plate and Brush ONLY $20.99

☐ Tru-Vee Disk and Bearing ONLY $21.99

☐ Seed Brush Set ONLY $2.99

☐ Finger Pickup Assembly ONLY $22.88

☐ Seed Belt ONLY $5.40

☐ Tru-Vee Disk Scraper ONLY $3.35 each

COMBINES

0% Interest Til Sept. 1, 1993

JD 4400 Diesel, Cab, Variable Speed, Spreader	$17,000
JD 4420 Diesel, Cab, Variable Speed, AHHC, Spreader	$20,500
Gleaner L2 Hydro w/15-Ft. Flex, 6R30 Corn Head	$29,500
JD 7720 Diesel, Hydro, AHHC	$29,500
JD 7720 Diesel, Hydro, AHHC, Grain Loss Monitor	$30,500
JD 6620 Side Hill, Hydro	$30,500
JD 6620 Hydro, AHHC, Monitor	$35,000
JD 8820 Hydro, AHHC, Monitor (SOLD)	$67,000

Only 2 Weeks Left

WINTER REPAIR SPECIALS

Now's the time to get your equipment in top shape for the coming season And, to get a good return on your service investment, during our *"winter repair special"*

Don't forget, our service special includes all John Deere equipment such as combines, hay tools and forage equipment

Now thru February 27, 1993, on Service Orders over $250, get:

FREE Pick-up and Delivery (within a 40 mile radius)

FREE Limited Edition "GP" Tractor Coffee Mug

SUPER SERVICE DEALER

CALL TODAY FOR AN APPOINTMENT Ask for Charlie Miller

0% A.P.R. **90 Days Interest Free** to Farm Plan Preferred Members on Service Orders Over $500

AN ALL-NEW BREED OF POWER - READY FOR IMMEDIATE DELIVERY

NEW 7000 SERIES TRACTORS

TWO ALL-NEW POWERSHIFTABLE TRANSMISSIONS

- All-new 16-speed PowrQuad™ transmission provides four powershift speeds in four fully-synchronized ranges.
- Both transmissions let you shift easily from forward to reverse without clutching, to make loader work even more productive.
- All-new ultra-deluxe 19-speed PowerShift transmission offers even smoother shifting and more speed choices.

IN STOCK

JD 7700 125-HP MFWD Power Quad Trans.

JD 7800 145-HP MFWD Power Shift Trans.

NEW 6000 SERIES TRACTORS...

NEW 600 SERIES LOADERS... GREAT NEWS

Your hydraulic power needs vary from one loader job to the next So we built a new hydraulic system for new 6000 Series Tractors that varies pressure and flow to match your demand. If you need a big flow of oil, you'll get it... the 16 gpm main pump provides maximum pressure up to 2900 psi. You get exactly the response you need, fed to the fastest-cycling, most productive new loaders we've ever built.

Come see us for more details.

IN STOCK

JD 6200 66-HP MFWD w/JD 640 Loader

JD 6400 85-HP MFWD w/JD 640 Loader

Landis Bros., Inc.

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601

(Located S. Of Rts. 30 And 283 On PA 72)

JOHN DEERE

1 FARM EQUIPMENT

FORD NEW HOLLAND

FORD TRACTORS
Used 6610, w/Dual Power
Used 4600 SU
Used 861 w/loader
Used 8N

NEW HOLLAND
New L250 Skid Steer Loader
New 565 Baler
New 40 Forage Blower
Used 272 Baler w/SS
Used 275 Baler w/SS
Used 315 Baler w/ Thrower
Used 469 Haybine
Used 56 B Hayrake

OTHER TRACTORS
New Bolens H152 Dsl.
Used Farmall Cub w/mow.

OTHER EQUIPMENT
New Ford 3 Pt. Snow Blades
New Kuhn FC300 Disk Mower Conditioner
New Ford 140 3x16" Moldboard Plow
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3Bx14"
New Ford 151 4Bx16" Auto Reset Plow
New Ford 152 5Bx16" Auto Reset Plow
Used Kuhn Pull Type Tedder
Used Brillion 14' Transport Harrow

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Since 1937

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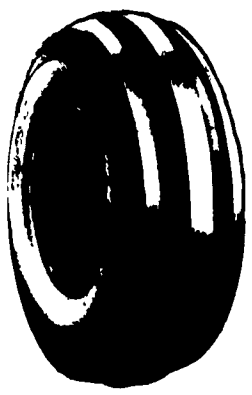

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500-15	4 PLY	$28
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14L-16.1	6 PLY	$115
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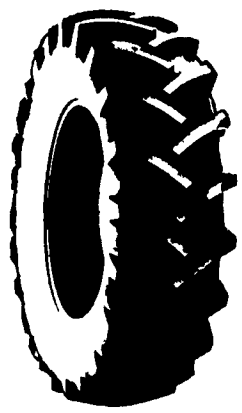

Firestone Farm Tires Available

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11.2-24	4 PLY	$130
14.9-24	4 PLY	$190
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13.6-28	4 PLY	$185
15.5-38	8 PLY	$280
18.4-38	6 PLY	$425
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FARM IMPLEMENT

9.5L-15SL	6 PLY	$43
11L-15SL	10 PLY	$55
12.5-16S	14 PLY	$80

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Group #	CCA	Price
24	900	$52
27	650	$46
29NF	340	$45
74	900	$55
24/74 Comb	1000	$60
31	950	$74
1	625	$32
4H	975	$49

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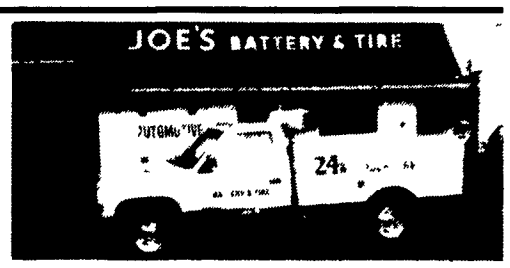

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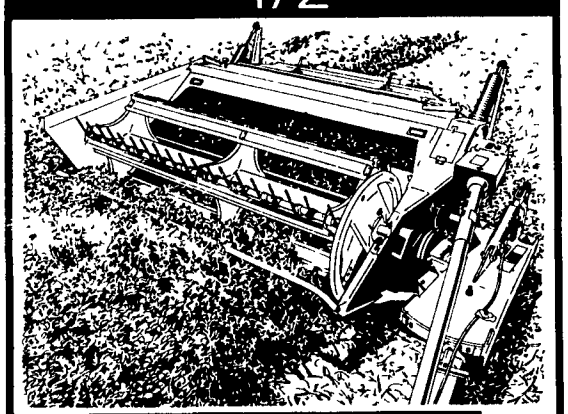
472



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Optional four-wheel drive gives you added traction when the going gets tough

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4 Wheel Drive, Hydro, Turfs
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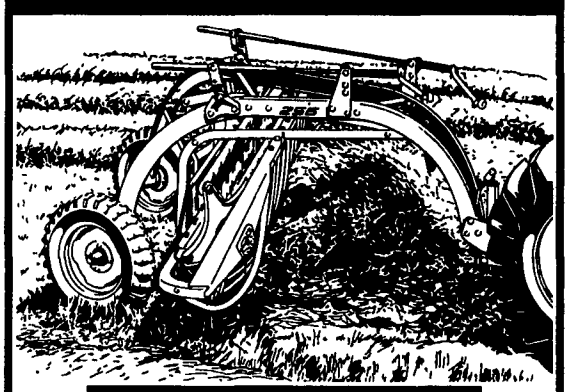
Ford FORD NEW HOLLAND

DON'T SETTLE FOR SECOND BEST



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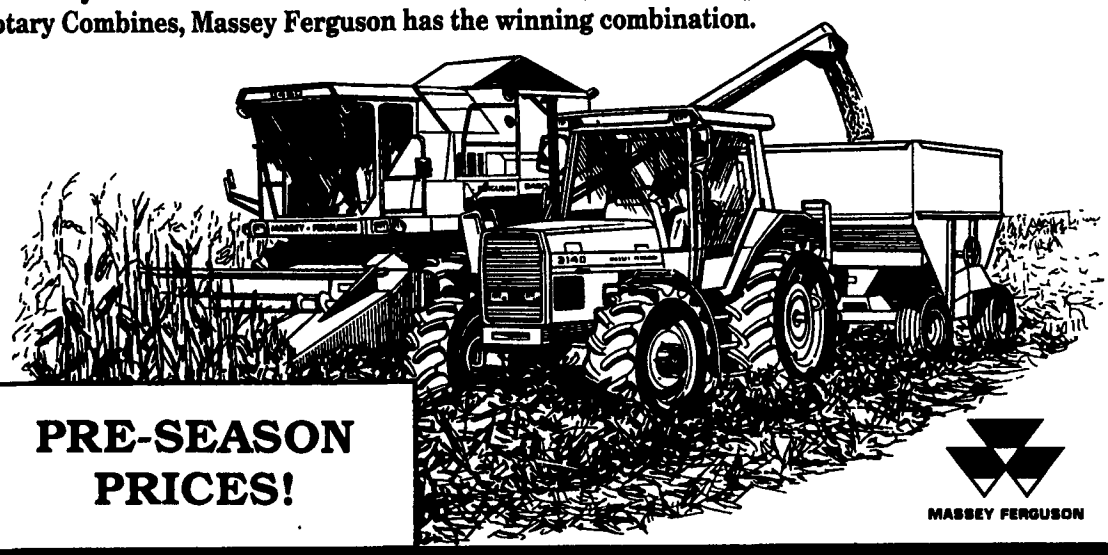

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YOU WANT DEPENDABILITY

You want BETTER-BILT!

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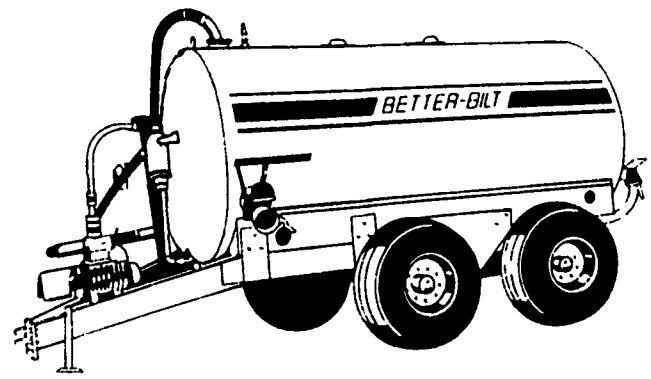

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MF 3650-4, 130 HP, SOLD	$32,000
MF 3650-4, 130 HP, 1839 Hrs.	$30,000
MF 3525-2, 110 HP, 2882 Hrs.	$18,500
MF 2745-2, 143 HP, 2583 Hrs	$12,000
MF 374-4 With Loader, 57 HP, 735 Hrs	$21,000
MF 1085, 82 HP, 3568 Hrs.	$8,500
MF 1085, 82 HP, 3980 Hrs.	$7,500
MF 1080, 82 HP, 5516 Hrs.	$5,000
MF 285, 82 HP, 6160 Hrs.	$8,000
MF 285 Steel Wheels, 82 HP, 3013 Hrs.	$8,000
MF 670 Cab, 80 HP, 2209 Hrs.	$12,800
MF 1020-4, 21 HP, 224 Hrs.	$5,500
MF 1030-2, 26 HP, 232 Hrs.	$6,700
MF 1030-4, 26 HP, 531 Hrs.	$8,000
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MF 35 With Loader	$4,500
MF 65 D	$2,500
Ford 861, Select-O-Speed	$3,200
Farmall 656, 6930 Hrs.	$4,000
Farmall 584 With Loa SOLD 30 Hrs	$7,700
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MF 135 Diesel, 3540 Hrs.	$4,800
IH 1466 w/Cab	$9,500

HAY EQUIPMENT

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Demo Claas 46 Steel Roll Round Baler	$10,900
Demo Vicon 1511E 5x6 Round Baler.	$9,900
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NH 451 Sickle Mower.	$1,200
Ford 3 Pt Sickle Mower	$450
Demo Vicon 216 7 Ft. Disc Mower	$3,900
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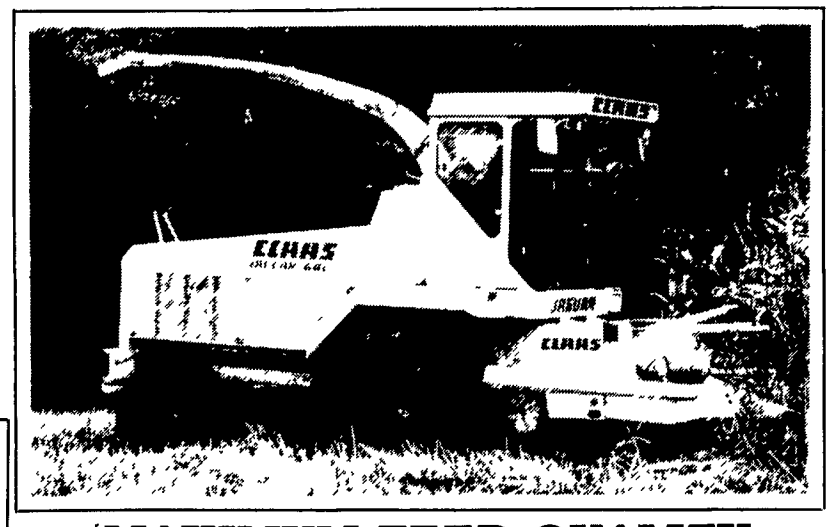
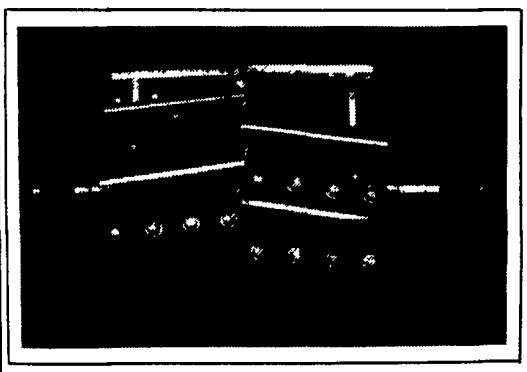
THE CLAAS HARVESTER

RELIABILITY

The CLAAS Cutterbox is a unique balanced design using 2 knives in a V configuration. This forces the cutting action toward the center instead of the outside. This is the secret of their low horsepower requirement and good quality of cut.



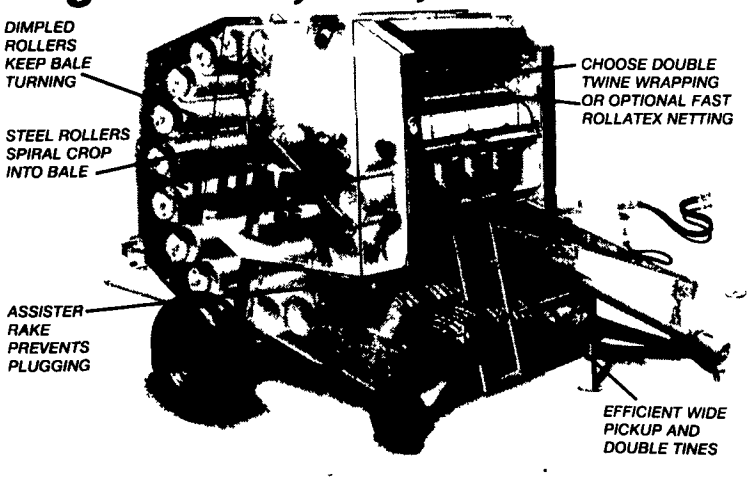


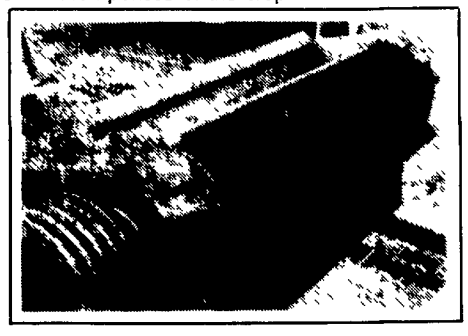
MAXIMUM FEED QUALITY

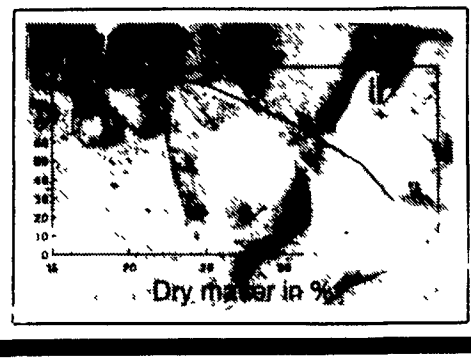
To ensure maximum feed quality from maize it is vital to crack every kernel Digestion of uncracked maize falls as the maize becomes drier Independent trials have shown the Claas corn cracker to be close to 100% effective. From the cylinder the corn passes through the two large diameter rollers with saw tooth profiles The rollers run at different speeds to intensify the grinding effect and open up each kernel It is a fairly tough process so the latest generation of corn crackers take account of the wear involved on the rollers Nothing can reduce the wear but Claas have cut the cost of repair by making the outer sleeve replaceable The shaft, drive pulley and bearings can all be reused which cuts down repair bills dramatically. Adjusting the distance between the two rollers is accomplished by turning two handles, easily accessible behind the cab In no time at all the degree of cracking can be matched to the ripeness of the crop

Owners say:

"Tight bales, fast, no trouble"


DIMPLED ROLLERS KEEP BALE TURNING
STEEL ROLLERS SPIRAL CROP INTO BALE
ASSISTER RAKE PREVENTS PLUGGING
CHOOSE DOUBLE TWINE WRAPPING OR OPTIONAL FAST ROLLATEX NETTING
EFFICIENT WIDE PICKUP AND DOUBLE TINES





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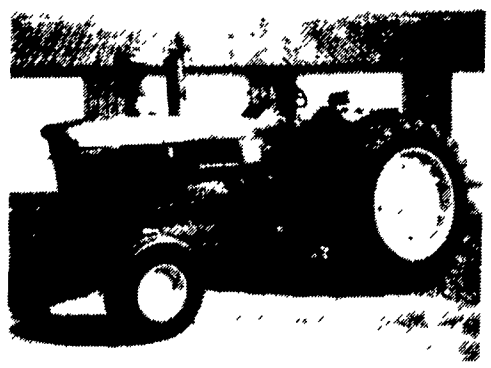

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IH 490 20' Hyd. Fold Disc, 22" Blades
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JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
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JD 347 Baler w/Ejector, Very Nice
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NH 846 RB, Very Good
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NH 256 Rake

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IH 710 5 & 6x18 Spring Reset, Onland Hitch
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IH 720 5 Or 6x20 Spring Reset
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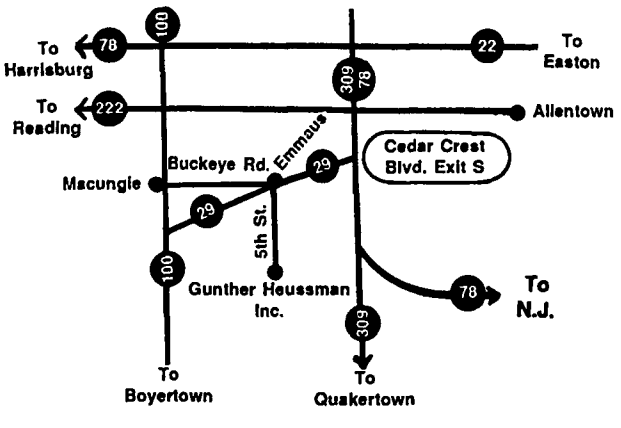
IH 720 4x20 Spring Reset
IH 720 4x18 Spring Reset
JD 2800 6 Bottom, Variable Spring Reset
Extendable Bottom For JD 2500 & IH 720 Spring Reset Plow, 18"



PLANTING EQUIPMENT

JD 7000 4R Liquid Fer SOLD er Insecticide, Monitor, Excel. Cond.
JD 7000 6RN Liquid Fertilizer, Insecticide, Monitor, Excel. Cond.
JD 750 No-Till Drill, Grass Seed w/Dollie Wheels 15', Very Good
NI Kinze 9000, 6R Double Framed, Dry Fertilizer, Insecticide, Frame Mounted Coulters, Monitor, Excel. Cond.
JD 8350 24x6 DD, Grass & Fertilizer Attachment
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Harrow Attachment To Fit JD 7000 4R Planter

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Lely 3 Pt. Fertilizer Spreader, Excel. Condition
NI 12' Fertilizer Spreader, Good Condition
Mel-Cam Rock Picker, Like New
IH 2350 Quik-Tach Loader
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JD 875 6R No-Till Cultivator
JD 47 Loader To Fit Utility Tractors

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Int 1066; 856 WC; 656; 674; 560; 400; H; JD 4020; 2630; 2240; 950 WL 4x4; MF 184-4x4; 275; 165; 601 Ford w/ loader Power Steering; NH Skid Loader; Hesston 1200 Forage Chopper; Hesston 1150 Windrow; NH Super 717 Chopper; 2 like New Papec Forage Wagons; Oliver 4 Bottom Reset Plows; 2 & 3 Bottom Plows; NH Round Baler; Vermeer Round Baler; New & Used 3 Pt. Mowers; Diggers; Cult. & Blades, Hay Savers; Round Bale Feeders.

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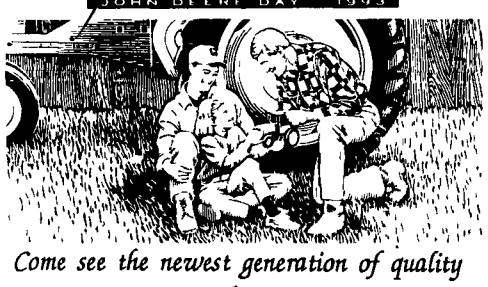

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JD 452 Drill, 12' 1 yr. old $5,200
(5) JD 7200 6 Row corn planters, good

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JD 2030, good $6,000
JD 2150 w/loader, excellent..... $13,500
JD 4250, MFWD..... $37,500
JD 4250, MFWD w/loader, excellent
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Financing Available Till March 1, 1993

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JD 500 Round Baler, good..... $3,000
JD 336 Baler w/thrower, good.. $3,600
NH 68 Baler w/thrower, average..... $1,300
Financing Available 6.9% for 24 Months

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JD 9600 Maximizer, excellent
JD 6600 Level Land, good
(2) JD 215 Flex Platform
(1) JD 653 Bean Head
Financing Available 6.9% for 48 Months
(2) New JD 9400 Combines-In Stock

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JD 635 disc, 12' $7,000
JD 630 disc, 23' $13,500
JD 210 disc, 12' $2,500
JD 950 roller harrow, 12'... ..... $2,500
JD 414 rotary hoe..... $1,500
JD 2450 plow, 8 btm $3,500
JD 2600 plow, 5x18 ..... $4,500

Badger Brillion

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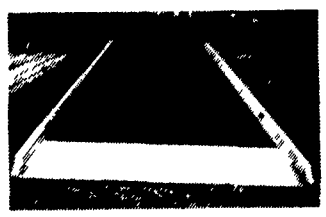
1979 General 3 Axle Tag-A-Long Trailer, 24,000 GVW, 15' Flat Ramps, 3' Beavertail.
$1,999

25 Ton Hyster Lowboy, Will Take Tandem Tractor, 8.25x15 Tires, Beavertail, Good Condition.
$4,900

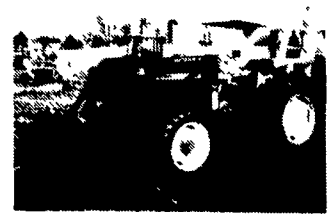
Transport 35 Ton Detachable Trailer, Pony Motor, 15" Tires, Good Condition, Non-Ground Bearing.
$9,900

1992 New 5 Ton Tag-A-Long, All Wheel Brakes, Adjustable Hitch, Adjustable Ramps, 16' Bed, Or 18' Bed Available.
$1,995



Portable Ramp, 9'6" Wide, 36' Long, 25,000 Lb. Capacity, Good Condition, Dolly Wheels, New Cost $16,000.
$6,900

Insley H1000 Excavator, Excellent Undercarriage, GM Diesel, Runs Good, Good Bucket, Reasonable.
$13,500



1981 Ford 5600 4x4 With Loader, PTO Pump, Good Tires, Dual Power, Very Nice Unit, Well Above Average.
$14,500

(12) CRAWLER LOADERS

JD 440 Diesel - 1960?	$3,500
Case 350 - 1971 - Diesel	$6,900
JD 350 Diesel - ROPS - 1969	$7,500
JD 450B - ROPS - 1972	$9,900
Cat 977K - ROPS - 1970	$11,500
JD 350C - With Hoe - 1977	$12,500
Cat 941B - 1974 - 4 In 1 - ROPS	$16,500
Fiat FL9 - ROPS - 1979	$17,500
Case 1150C - ROPS - 1981	$19,500
Case 455C - ROPS - 1986	$22,500
Case 1155D - 4NI - 1983	$26,500
CAT 983 - Cab - 1969	$35,000

(7) BACKHOES

(9) Hoe Attachments	From $2,000
JD 300 Diesel - 1968	$7,900
Ford 515 Diesel - 1975	$8,900
IH 260A - Diesel - 1979	$8,900
IH 270A - 1979 - Diesel	$9,900
JD 310A - ROPS - 1977	$12,500
Dynahoe 200B - 4x4 - Big	$15,000
Ford 755 - Cab - 1984	$18,500

(3) TRUCKS/CARS

1982 Yamaha 650 Maxim Cycle	$1,500
1972 Ford F600 Dump - Gas	$3,900
1989 Acura Legend L Sedan	$15,900

(3) TRACTORS WITH LOADERS

Kubota L345 - 4x4 - 3 Pt. - PTO	$5,500
Versatile 150 - 4x4 - 3 Pt. - PTO - 1977	$8,500
Ford 5600 - 4x4 - 3 Pt. - PTO - 1981	$14,500

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(50) Loader Buckets	COME SEE
(50) Set Forklift Forks	COME SEE
(2) Tree Planter	Each $795
Giant Leaf Vacuum	$900
Ripper For Crawler	$1,000
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Sweeper - Pull Type - Gas	$2,000
Schramm 160 Air Comp	$3,000
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Mobark Wood Chipper - Nice	$3,900
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JD 760 Scraper	$9,900
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Galion V05-84A Vib Roller- 84"	$19,500
Bucyrus Erie 45C Truck Crane	CALL

(6) RUBBER TIRE LOADERS

Hough 90 Diesel - 1959 - 2 5 Yd	$2,900
Versatile 150 - Cab - 1977 - 1 25 Yd	$8,500
Prime Mover LD50 - 1983 - 1 Yd	$9,500
Fiat 940 - Cab - 1976 - 1 75 Yd	$13,500
JD 544A - Cab - Hoe - 2 Yd - 1971	$16,500
Michigan 45C - 1979 - Cab - 1 75 Yd - Bkt & Forks	$21,500

(3) LOG SKIDDERS

JD 440A - Diesel - 1970	$8,900
JD 440C - Diesel - 1980	$22,500
Clark 666B	Coming In

(9) DOZERS

IH TD5 - Winch - No Blade	$2,500
JD 420 - Gas - 1958	$2,900
JD 350B - Diesel - 6 Way - ROPS	$8,500
JD 350C-6 Way - 1984	$12,500
Case 350B - ROPS - 6 Way- 1980	$12,500
JD 450B - 6 Way - ROPS - 1973	$12,500
IH TD7E - 6 Way - 1984	$17,500
Komatsu D65E - ROPS - 1976	$19,500
Case 850C - ROPS - 6 Way - 1981	$22,500

(18) TRAILERS

(2) 1992 5 Ton Tag-A-Long - 6x16	$1,995
1979 3 Axle Tag-A-Long - 12 Ton - 8x18	$1,999
(2) 1993 5 Ton Tag-A-Long - 6x18	$2,195
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1978 3 Axle 11 Ton Tag-A-Long - 8x18	$2,700
2 Axle 12 Ton Tag-A-Long - 8x21	$2,900
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1993 5 Ton Tag-A-Long - 8x18	$3,250
13 Ton 3 Axle Tag-A-Long - 8x20	$3,400
1984 11 Ton Tag-A-Long - 8x20	$3,500
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Hyster 25 Ton LowBoy - 8x27	$4,900
1992 9 Ton Tag-A-Long - 8x24	$5,850
1992 10 Ton Tag-A-Long - 8x24	$6,450
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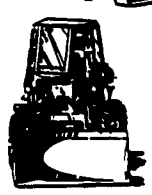

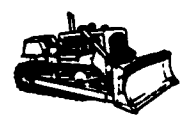

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1987 JD 750B w/Rops, 1800 hrs $42,000
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New York Rake RE 8', bare $1,200
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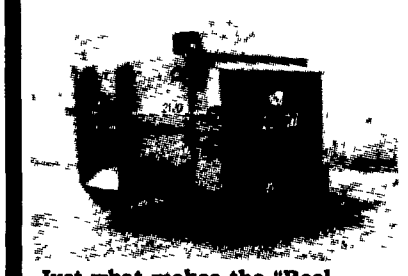
Reel Auggie 2000 Series Mixer Blender/Feeders



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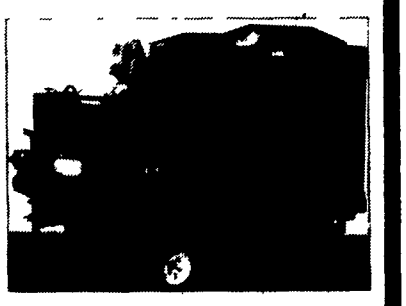

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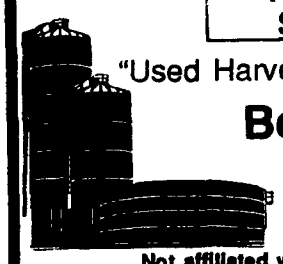

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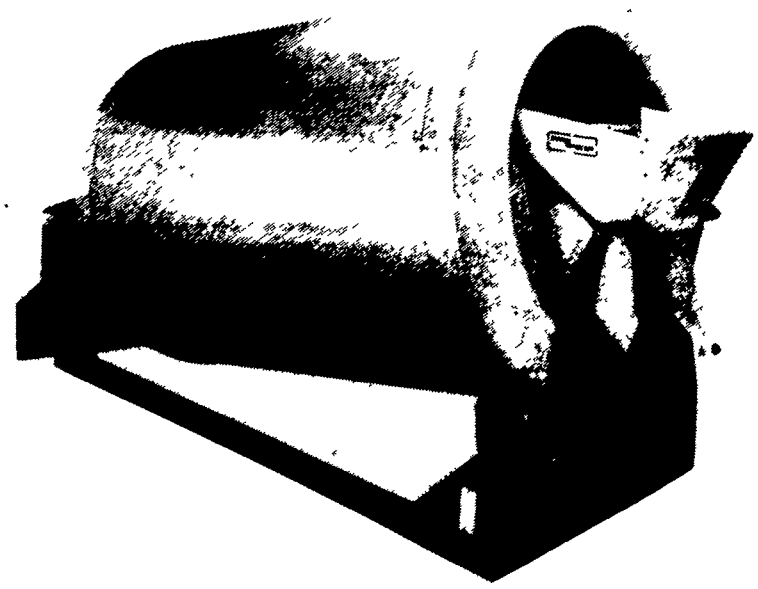

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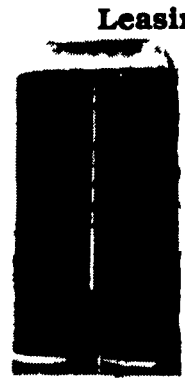

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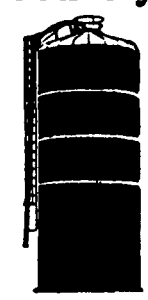

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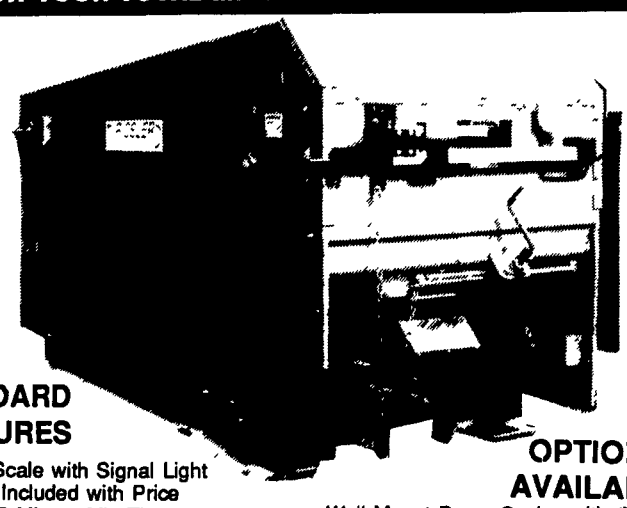

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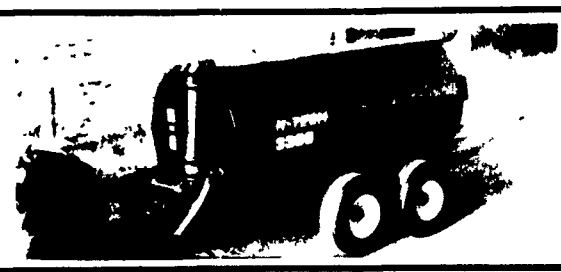

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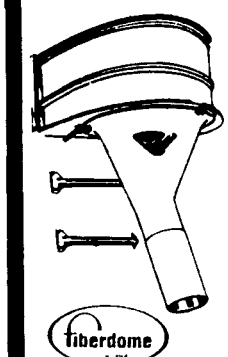

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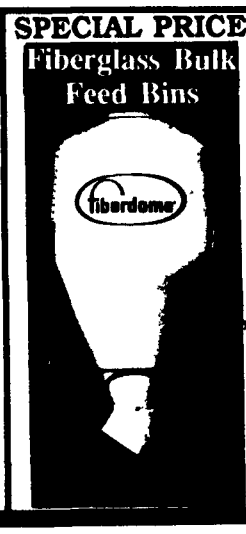

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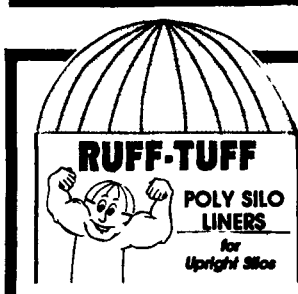

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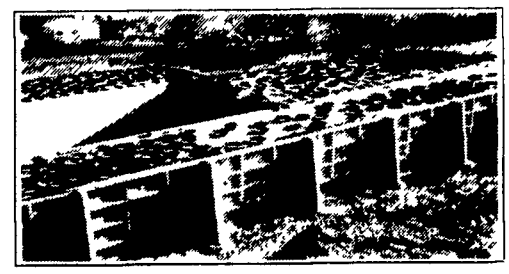

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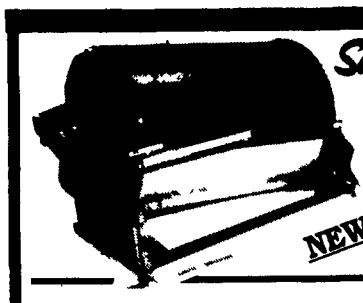

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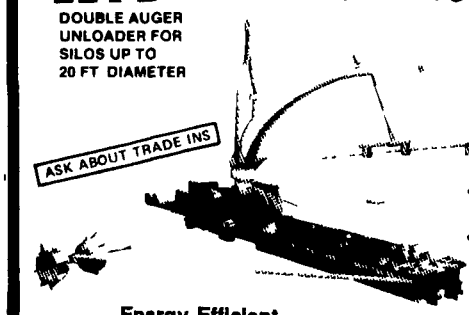

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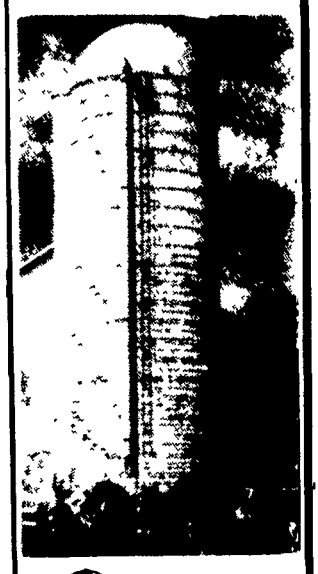

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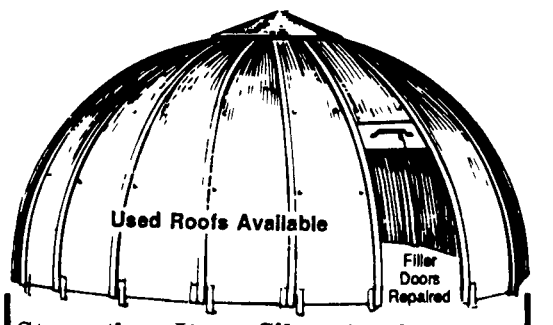

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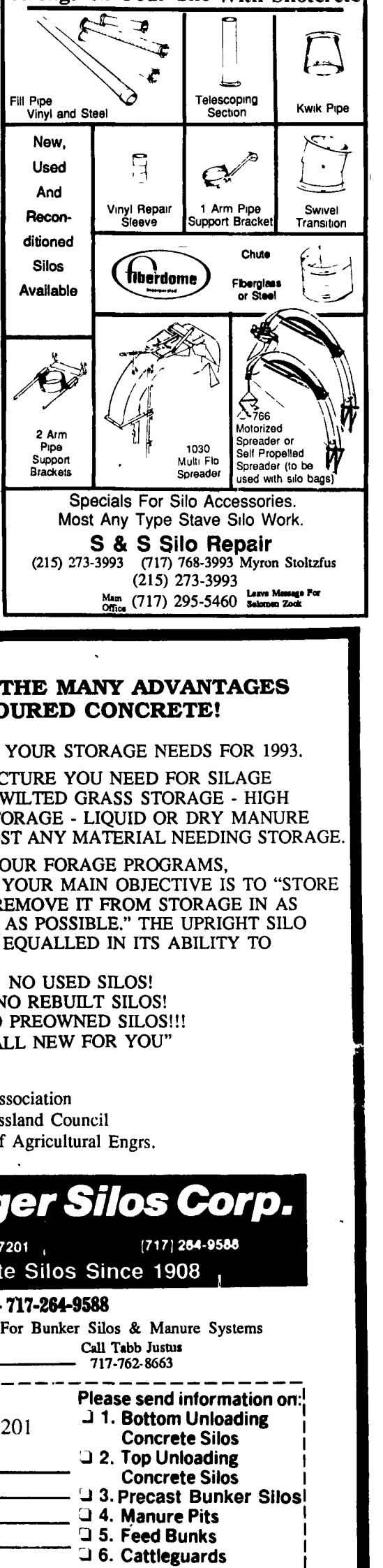
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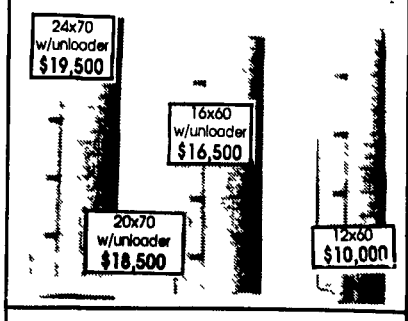

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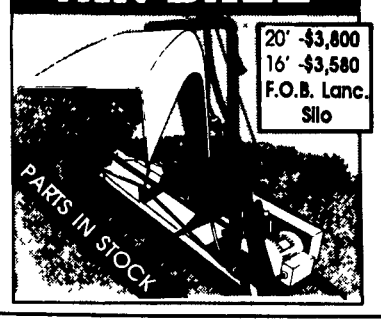

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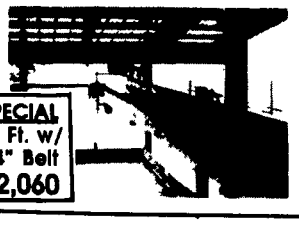

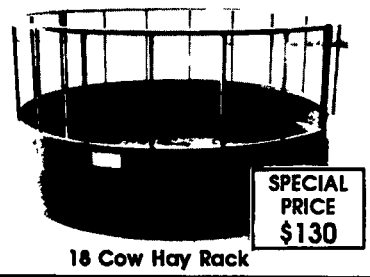

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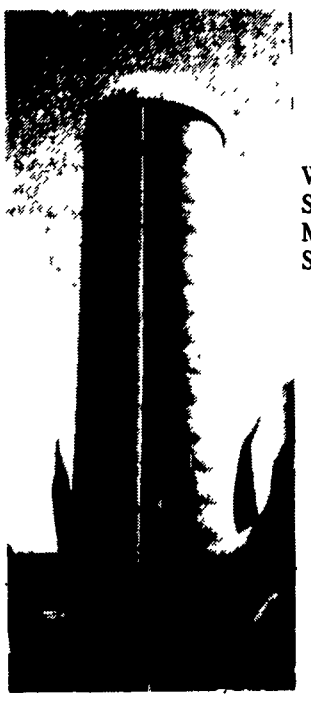

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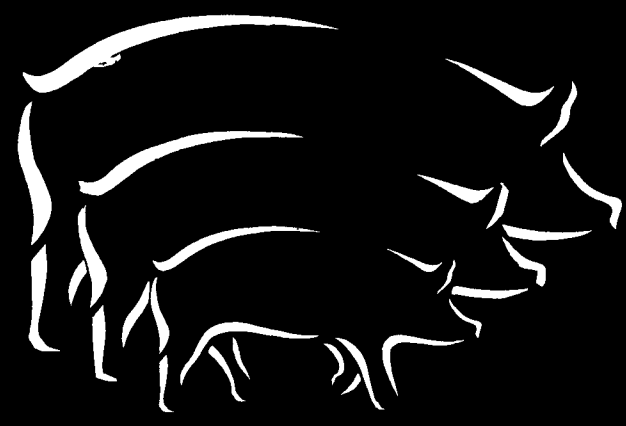

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Corn Talk, Lancaster Farming, Saturday, February 13, 1993

Corn Grower President Has Model Conservation Farm

EVERETT NEWSWANGER
Managing Editor

QUARRYVILLE (Lancaster Co.)—"If weeds are not controlled, you are going to get a greatly reduced crop. The most single limiting factor in corn production is water, and weeds take it."

The author of this quote, Grant Troop, president, Pennsylvania Master Corn Growers, knows how to grow a good crop of corn. But he is also very sensitive to the environmental health of his land.

"Weed control depends on chemicals," Troop said. "But with what EPA has done in the last 20 years, a lot of safety has been insured to the environment. The chemicals that are dangerous are not on the market anymore. Many of the earlier chemicals I didn't use anyway because of the suspicion of danger. I use all the safeguards and recommendations on the label, and I feel I'm doing a safe job of farming. It works for me."

Troop graduated from Penn State with a degree in agronomy in 1973 and immediately started to work the family farm west of Georgetown. Before his time, the farm was a concentrated livestock operation, and there were only four large fields on the farm. These fields contained "gullies deep enough to bury a car in them." But strip and contour farming were initiated and developed in the '60s. Now the land is in 21 small fields and can be called a model conservation

(Turn to Page 7)

Grant Troop, president, Pennsylvania Master Corn Growers, believes you can grow a good corn crop and still be sensitive to the environmental health of the land. *Photo by Everett Newswanger, managing editor.*

PENNSYLVANIA MASTER CORN GROWERS ASSOCIATION

Between The Rows

Dr. Greg Roth
Penn State Agronomy
Assistant Professor

UNIVERSITY PARK (Centre Co.)—This year will certainly go down as the "tale of two seasons" for corn producers in Pennsylvania.

On one hand, those in southern counties had generally excellent growing conditions and very good yields. For those in central to northern counties, a short cool season magnified any management mistakes and reduced yields and grain quality.

There's something to be learned from both seasons.

In the southern areas, the record yields reflected the use of continually improving management and hybrids combined with a reasonably good season. Another factor that contributed to the high yields was cooler than normal temperatures. While it's true that corn grows well on hot summer nights, these high temperatures also cause the plants to "burn off" more of the sugars produced by photosynthesis during the day.

Cool temperatures reduce this process, known as dark respiration, and these sugars eventually contribute to higher yields.

(Turn to Page 3)

Lancaster Farming Official Corn Talk Publication

With this issue of Corn Talk, ***Lancaster Farming*** becomes the official publication for the Pennsylvania Master Corn Growers' Association, Inc. (PMCGA). Officials of the corn growers recently asked ***Lancaster Farming*** to publish their quarterly newsletter because of the added exposure their Corn Talk section will receive from ***Lancaster Farming*** readers, members and nonmembers alike.

"We're excited about this new arrangement with ***Lancaster Farming*** and appreciate their support of the project," said Grant Troop, PMCGA president.

Three more issues of Corn Talk are planned for 1993 — spring, summer and fall, with April 17 as the next issue date. Each issue will contain useful grower information, interviews with corn growers, association news from both the state and national associations, and messages from advertisers.

CORN TALK
Farm Calendar

Monday, February 15

Penn State Crop Production Satellite Seminar, Grain Crops, contact your local extension office.

Tuesday, February 16

Ag Information Series, Producing Quality Corn Silage and Troubleshooting Corn Production Problems, Unilec Building, DuBois, 7:30 p.m.-9:30 p.m.

Sunday, February 21

NCGA Corn Classic, San Antonio, Texas, thru Feb. 23.

Monday, February 22

Lebanon/Dauphin Crops Day, Lebanon Valley Expo Center.

Tuesday, February 23

Silage Production from Seed to Animal National Conference, Syracuse, N.Y., thru Feb. 25.

(Turn to Page 3)

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Prize For High Corn Yield May Bode Future Success

On a frigid winter day, Larry Moyer, right, and Tuff Wilson pause outside the farrowing house on Brookvue Farms in Mertztown.

CONNIE LEINBACH
Berks Co. Correspondent

MERTZTOWN (Berks Co.) — Larry Moyer may not have farming in his blood, but this recently turned livestock and corn farmer found he has a knack for it.

Moyer recently won top honors in the Pa. Corn Grower's Association regular category. Moyer topped the competition with 214 bushels per acre in the five-acre contest. It was the second time he'd entered the contest.

An insurance agent and financial planner for the last 28 years, Moyer also took up farming when he married his wife, the former Linda Gillespie, four years ago and moved to her family's farm. He and farm manager Marion "Tuff" Wilson chuckle as they recall how they didn't expect to win any awards in the contest, let alone top.

"We knew we had good yields," Moyer said. "But we didn't know we had that much."

Wilson explained that when the Doebler representative heard they were planning to enter the contest, the agent suggested they try a new variety on the five-acre plot — 73XP. So they did.

Because of the wet season, they didn't harvest the crop until two days before the contest deadline. The last day they harvested was Dec. 30, Wilson said.

It took that long for the moisture content to go down.

"Last year, 19 percent was the wettest corn I had," Wilson said. "This year, that was the driest." Moisture levels this year, he said, ranged from 19 percent to 24 percent.

Moyer ruminated on the irony of it all. He's doing a good job following his father-in-law's footsteps, although he never knew the man.

His father-in-law, the late William Gillespie, in 1972 won the same award with Pioneer 3369A. Gillespie, who was principally a beef and corn farmer, was named Pennsylvania Livestock Man of the Year in 1985. As such, his picture hangs in the Farm Show Complex. All this was done during Gillespie's retirement after a career in New Jersey as territorial manager for Beacon Feeds.

Gillespie always wanted to get back into farming, and he spent 10 to 12 years searching several states for the ideal farm, Moyer said.

He found it outside of Mertztown on a piece of land tucked into the far northeast corner of Berks County, extending into Lehigh County.

He named the 250-acre site, complete with a stream coursing through it, Brookvue Farms. Gillespie could tell just by looking at the soil that this was his dream spot.

"We're very fortunate to have fine soil here," Moyer said. "It's called Washington soil, or Virginia loam. It may be the finest soil in the Lehigh Valley."

It's high in potash and phosphate, Wilson said.

So for his second career, Gillespie became a farmer, raising cattle and corn, adding hogs 20 years ago. He hired Wilson, a hog expert who had worked for the former A & B Meats, as manager eight years ago.

The hog operation is proving to be so successful that Moyer is looking to expand his production fivefold.

"Last year we doubled production," he said. "Next year we will triple it."

Now, however, he can't fully utilize his sows because of the limited space in his farrowing house. A new farrowing house and grower-finisher building scheduled to be built this spring will relieve congestion.

"We're working in less than ideal conditions here," he said.

Ideal conditions developed after the building are complete will complement his already successful attempts at finishing his hogs sooner.

Moyer stumbled upon a new type of hog feeder, called an Ad-Lib Feeder, developed in Scotland. Its principal is simple: Pigs are separated from each other, minimizing aggression, and the feed is contained within each pig's space, significantly reducing waste.

The trough of the feeders are made of polymer concrete, which is virtually impervious to corrosion from saliva, water, and other farm-related acids.

Moyer said he installed the feeders for his 525 head of hogs in August and already he has obtained an increase in average weight gain for each pig.

"We did nothing different except put in these feeders," he said "They're getting to market earlier and at heavier weights."

Moyer and Wilson were so impressed that Wilson suggested Moyer sell the feeders here. That's how he became the distributor for the United States. Now he travels around the country to state pork conventions where he shows the feeders.

His wife Linda is happy to be living on the farm her father bought while she was in college.

"I'm sure he'd be thrilled to know how things are going," she said about her father.

Moyer smiles as he considers the path his life has taken.

"I never lived on a farm," he said, "But I'm fascinated by farming."

He notes that Wilson is a chief source of expertise and that he and Wilson make a good team.

"He's a terrific asset," Moyer said. "I wouldn't be able to do this without him."

Extent, Quality Unknown For Unharvested Corn

VERN ACHENBACH JR.
Lancaster Farming Staff

STATE COLLEGE (Centre Co.) — The consensus of opinion is that a significant amount of the 1992 corn crop went unharvested and, of that which was taken in, mold-related problems may be widespread.

Much information has been forthcoming in the past two months on the advisability of feeding moldy feeds or harvesting fields of still-standing corn for use as feed.

Existing agricultural data collection services and agencies do not have procedures in place for making a determination of the amount of corn still standing.

Kim Neilsen, an agricultural statistician with the Pennsylvania Agricultural Statistics Service (PASS), reviews the official surveys and compiles the PASS field crops and crop weather report.

He said PASS does not have an accurate tool in place to measure the amount of corn still in the field. Their survey asks farmers what percentage of their expected crop has been harvested.

He said that if the corn has been standing and the farmer decides to use it for chopped bedding, or for cover crop, etc., the farmer then reports a 100 percent harvest, though he actually may have lost much of an expected crop.

The last weather and crop report in December was on the 20th and it showed a statewide 85 percent corn harvest. That amount had not changed as of Jan. 3.

From those reports, it's possible that the state's corn producers could have suffered a loss of as much as 15 percent of their crop, though it is not easy to support such an estimate.

The main reasons given for not being able to get into the fields to harvest corn was that the soil was too wet, the corn too immature, or the crop was too high in moisture.

Though not representative of the condition of the entire state by any means, two veterinarians who practice in the south central and southeastern regions of the state report a large increase in the incidents of mold-produced, toxin-poisonings among commercial livestock and poultry.

The advice from them is straightfoward: test.

And they both highly recommend using the state facility at Summerdale, because of its accuracy, expense and reputation.

"We're in for a bad year," said Timothy P. Trayer, DVM, a full partner in the Lancaster County-based association of Hutchison, Trayer and Reid.

"We would strongly recommend, if there is a concern, send (a feed sample) to Summerdale Diagnostic Lab. They have the best and most cost-effective anaylysis in the country," Trayer said.

A large part of Trayer's clientele consists of swine producers and the veterinarian said he has seen some of the problems associated with mycotoxins, which is the name for toxins produced by molds or, more correctly, fungi.

"Most commonly, what we're seeing is the feed refusal factor associated with vomitoxin," he said. "What usually happens with this is, the animal only eats enough to stay alive, tends to chew and spit back out and, if it ingests enough, will physically vomit from it.

"The other we're seeing is Fusarium rosi," Trayer said, adding that this is the mycotoxin which produces an estrogen-like chemical which stimulates some of the same responses in animals as does real estrogen, especially in female swine.

"You'll see all age females coming into a false heat," Trayer said. The females won't stand still to be mounted during this false heat, he said.

"Once you remove the feed, it takes two to three weeks to clear the body, but once it clears, the animal is reproductively back to normal."

Trayer said the most devastating myctoxin is aflatoxin, which is ironically also a problem of concern during drought, because dried-out shell corn cracks and exposes the starch to fungal attack.

He said that at certain levels of ingestment, the animal will have serious side effects, such as damaged livers, stunting of growth, and overall increased death loss of livestock.

Strangly enough, the corn still in the field may be no more of a problem than that already taken in.

"Some of the first corn coming out of the field was actually the worst," Trayer said. "The first had already produced toxin while in the field. One of the first calls I got was (associated with) . . . new corn back in October and Novemeber."

He said that once corn is identified as a problem, it can still be used as feed, if it is diluted with an adequate amount of unaffected corn so that toxin concentrations are pushed below the threshold of producing a reaction in the animal.

He also said that this year two feed additive products are being used to help absorb toxins out of the feed.

Both are included into the feed at a rate of about 10 pounds per ton and cost about $2.50 to $3 per ton to treat.

Other advice from Trayer was that if mold is visible, us a mold inhibitor when storing the grain. However, be aware that mold inhibitors whill not absorb propionic acid.

(Turn to Page 4)

Between The Rows

(Continued from Page 1)

As we summarized the results of this year's 5 Acre Corn Club program, I couldn't help to notice the factors that were generally associated with top yielding entries — early May planting, a high population (often above 25,000 plants/acre), and a reasonable fertility program.

It's interesting to note that many of the entrants exceeded their yield goal and actually ended up applying less N than would have been recommended for these high yielding crops. This indicates that current N recommendations have some insurance built in for those years when exceptionally high yields occur. It also supports some of our research findings that have shown some occasional yield reductions where excessive N rates were applied to corn.

In northern areas, Mother Nature reinforced why management details are important. Late plantings, excessive reliance on full season hybrids, and almost any stress factor aggravated the effects of the cool season. This season showed that there is definite risk of frost injury with full season hybrids and their use should be limited accordingly. The season also illustrated some of the risks associated with ear corn.

While the investment in equipment and storage are low, the need for a relatively long field dry down period has the potential to increase the risk of harvest losses, as many experienced this year. The effects of delaying harvest on harvest losses were also apparent this year. Two severe windstorms and a heavy snowfall in some areas resulted in significant harvest losses associated with down or snow covered corn.

What will next year bring? Who knows? According to one of my colleagues, 1992 was one of the coolest on record and 1991 was one of the warmest. That means 1993 should fall somewhere in between — well, maybe, but after the past several years, I'm not making any predictions.

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

CORN TALK

Farm Calendar

(Continued from Page 1)

Thursday, February 25

Pest Management In Grain and Forage Crops Seminar, Williamsport H.S., 6:30 p.m.-9 p.m.

Friday, February 26

Grain Crop Production Workshop, Montgomery Co. 4-H Center, Creamery, 9 a.m.-3 p.m.

Tuesday, March 2

Pennsylvania Master Corn Growers Conference, Ramada Inn, West Middlesex.

Wednesday, March 10

Schuylkill Co. Crops Clinic, Penn State Schuylkill Campus, 9:30 a.m.-3 p.m.

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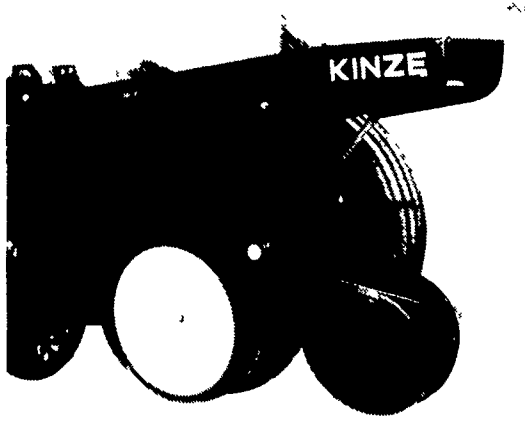

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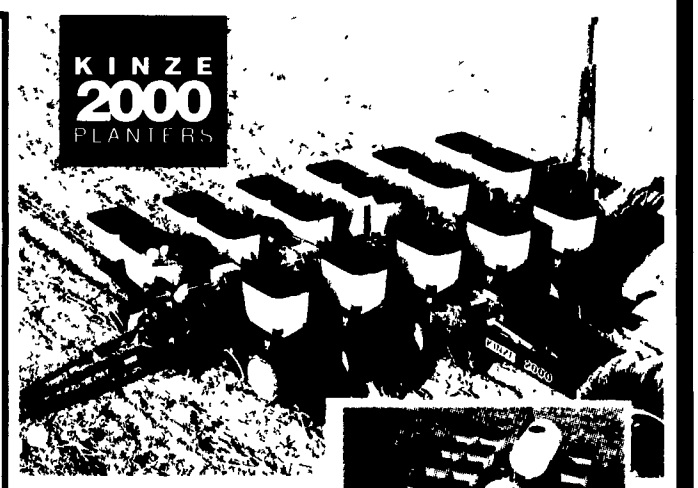

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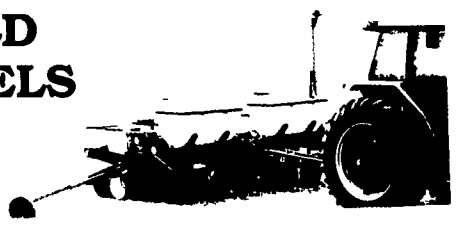

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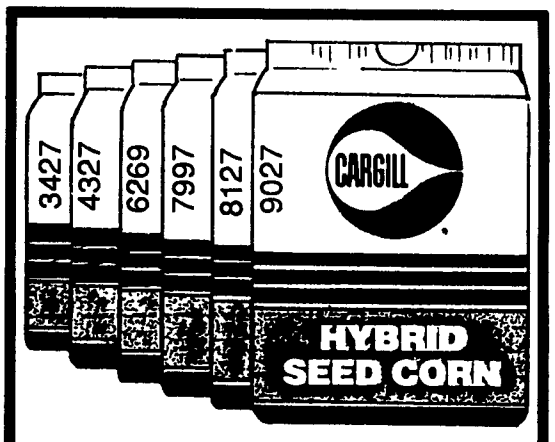

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Extent, Quality Unknown For Unharvested Corn

(Continued from Page 2)

In addition, he suggested possibly looking at making changes in the vitamin level in rations, such as with Vitamin E.

"All the feed suppliers are trying to do the best they can with a poor situation," Trayer said. "As far as the swine industry, I would not feed without" testing and taking corrective action.

As a minimum, Trayer said he would ensure that feed to gestating and breeding stock be treated with a toxin absorber, to minimize the risk of a large financial loss to the operation.

Lynn Sammons, DVM with Willow Creek Animal Hospital in Myerstown, is a large animal veterinarian and works with a number of dairy herds.

He said he has been seeing "quite a bit" of mycotoxin-associated problems in herds.

Mostly, Sammons said, he isn't seeing dramatic visual effects, but rather drops in milk production and drops in dry matter intake by the dairy cattle.

He explained that cattle and other four-stomached animals aren't as severly affected as are single-stomached livestock as swine. Poultry is also easily affected, he said.

What he has been doing to help out dairymen is relying primarily on dilution.

However, Sammons warned that moldy feed is not necessarily a sign of a problem.

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

"We have had at least three farmers test at Summerdale and had some positive and what we did was dilute it out with good quality dry corn and that takes care of it. But we had some feed that looked bad and we had it tested and it came out okay."

He also said that they had some feed look perfectly fine, but then later proved to test high for mycotoxins.

As far as corn in the field, Sammons said, "I actually am recommending getting it tested before putting it in storage, and (once in storage) making sure that storage is as air-tight as possible."

Roasting corn may work to stop production of new toxins, but it is uncertain as to whether it destroys the toxins already present.

Further, Sammons said that anyone wanting to use corn to feed horses should be absolutely certain they have toxin-free corn.

"And, of course, the farmers themselves should be aware of the molds in the dust which can cause respiratory problems," Sammons said.

The veterinarians are not alone in calling for strict care feeding livestock.

As assistant professor of corn management for Pennsylvania State University's College of Agricultural Sciences, Dr. Greg Roth is the University's corn expert.

He recently issued warnings about the quality of corn grown during the 1992 season — both harvested and unharvested.

According to a late January news release, corn production across the nation is at an all time high, but, for many Pennsylvanians, corn grown is not corn harvested.

"It's been an excellent year for corn in Iowa, Illinois, Missouri and other corn-belt states," Roth said. "But in Pennsylvania, the corn harvest has been delayed by an extremely cool summer and wet fields."

Due to a rainy, overcast summer and fall, corn got off to a slow start and never took off, despite reports of adequate moisture across the state. Ironically, moisture had been the most limiting factor for corn growth in Pennsylvania for several of the past 10 years.

In a statement, Roth said, "The longer corn stands in the fields, the more it will be damaged by molds, deer and lodging, or fallen stalks. Some growers may have to plow their corn under or chop it and blow it back onto the fields in the spring."

Most of the corn in the northern half of the state was killed by October frosts before maturing. However, Roth said the underdeveloped ears can still be used for feed, but the corn's natural drying process has been disrupted by the frosts.

In addition, Roth said many fields are too wet to drive through with equipment. In fact, Roth said that some growers have specifically sought out Amish farmers to harvest the corn, because their mules and horses can work in situations that would be impossible or impractical for large, heavy equipment.

According to Roth, ear corn should have no more than 25 percent moisture to harvest. However, much still in the fields has 30 to 40 percent moisture.

"If the corn were harvested now, it could grow molds that have mycotoxins dangerous to livestock," he said, adding that farmers should have moldy corn tested at a reputable laboratory.

"Growers are closely monitoring their corn's moisture content and the condition of their fields, so they can harvest as soon as possible."

Corn Display A Hit At Farm Show

HARRISBURG (Dauphin Co.) — Most Americans fail to realize the role corn plays in their daily life and in the local economy.

In an effort to make the public more aware of the role of corn in their lives, PMCGA recently developed the 28-foot display that was showcased in the main lobby of the 1993 Pennsylvania Farm Show.

The display featured the effects of corn on the economy, on products used in the home, and corn's effect on the environment. The corn display was sponsored by a combination of PMCGA funds and some industry sponsorships.

The display project was spearheaded by Ken Rice and Willard Jones, both PMCGA members who have long thought that this was a message that needed to be told.

According to Rice, "the number of products that contain corn products in the home is more than most folks imagine. . . .and we wanted create a better awareness of this."

The display was approximately 28 feet long and eight feet tall. It contained numerous corn related products that ranged from the obvious, such as corn chips, to surprises like wallpaper and biodegradable golf tees.

Jones noted that nearly everyone he talked with at the Farm Show was impressed with the display. Plans are under way to use parts of the display at future events, including Ag Progress Days and the PMCGA Corn conference.

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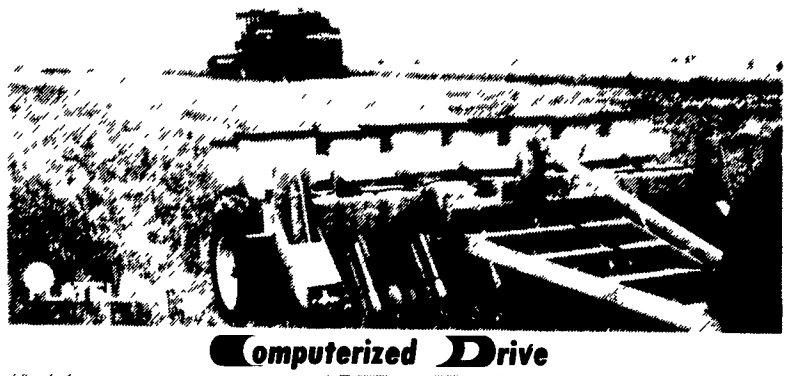

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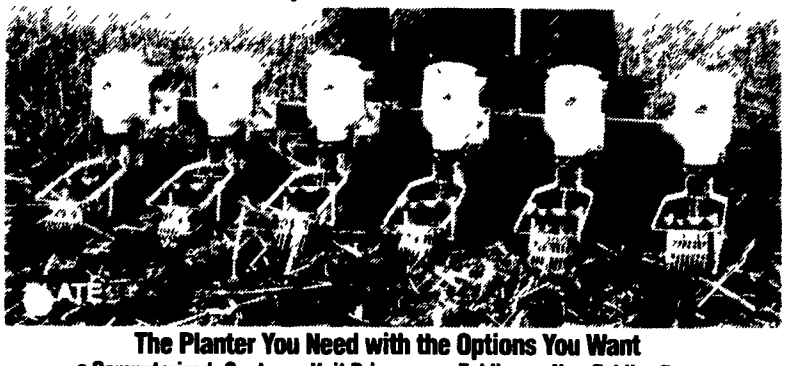

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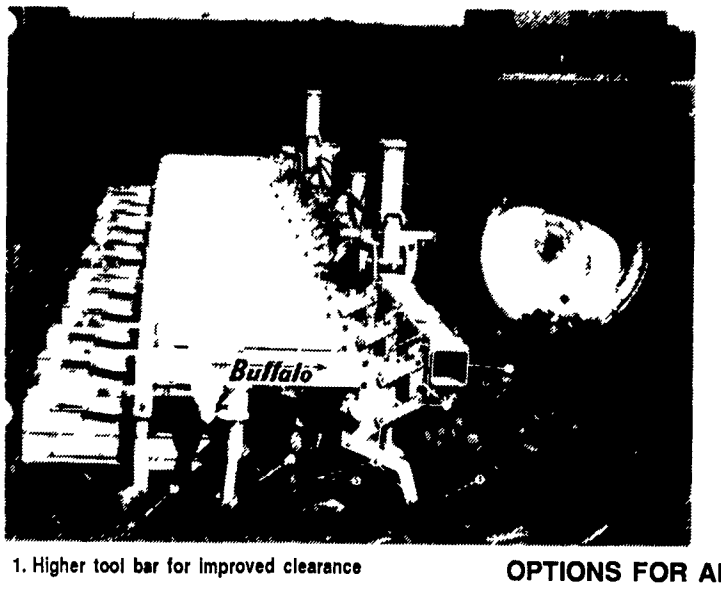

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Doing that little bit of math taught me two things: a new appreciation for what those few extra bushels an acre can mean to my total income and that I'd better plant more of my corn acres to Jacques **7820** next year!

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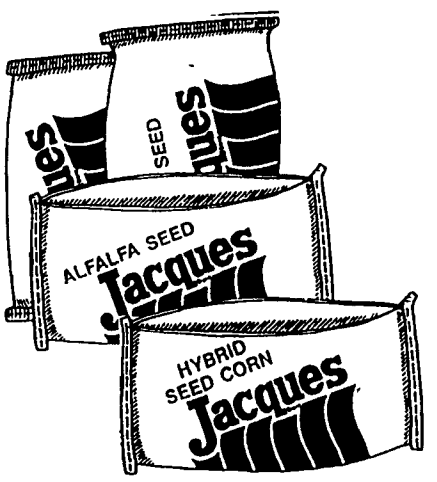

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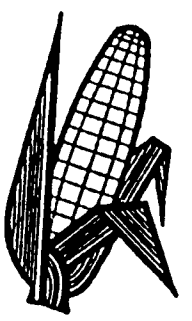
3-Year PMCGA Memberships Include Bonus Newsletter

QUARRYVILLE (Lancaster Co.) — For a limited time, corn growers who sign up for three-year memberships with the Pennsylvania Master Corn Growers Association (PMCGA) will receive, as a bonus, three free months of Doane's Agricultural Report, including 24-hour access to Doane's Marketing Advice VIA Teledoane - Doane's market hotline.

"The National Corn Growers Association (NCGA) conducts programs in market development, research, and education," said NCGA Field Services Director Dave Drennan. "In cooperation with Doane Agricultural Services (of St. Louis, Mo.), we now will have the opportunity to educate our members more fully. Weekly issues of Doane's Agricultural Report will help our members to get better prices for their crops, make the right moves on government programs, and upgrade production and management decisions to improve their bottom line. It will keep corn growers on top of events and primed to make profitable decisions."

The newsletter includes short and long-range market forecasts, ag legislation updates, management tips, and farm business strategies. The newsletter is completely free to corn growers who join or renew for three-year membership terms during this limited-time offer.

Contact Greg Roth, executive secretary, Pennsylvania Master Corn Growers Association, PO Box 304, State College, PA 16804, or H. Grant Troop, PMCGA membership director, 286 Furnace Rd., Quarryville, PA. 17566-9423, (717) 786-8045.



/ Saturday, February 13, 1993

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

PENNSYLVANIA MASTER CORN GROWERS ASSOCIATION

President's Message

H. Grant Troop
President, PMCGA

Dear Pennsylvania Corn Grower:

Greetings from the directors and staff of the Pennsylvania Master Corn Growers Association (PMCGA).

This is the first issue of our Corn Talk Newsletter to be published by ***Lancaster Farming***, and we look forward to a long and fruitful relationship in providing PMCGA members with the most up to date information concerning emerging technologies in corn production and utilization.

PMCGA endeavors to network best management ideas among corn producers, researchers, and industry. This occurs in response to your (and our) assessment of production problems and utilization requirements.

PMCGA seeks to meet these goals through various means. PMCGA sponsors a 5 Acre Corn Club with the help of cooperative extension county agents.

Corn growers compete first on a countywide basis, then statewide champions are determined as county results are submitted. Members can also enter the national corn yield contest sponsored by the National Corn Growers Association of which we are affiliated.

A lot of useful information can be gleaned from these corn club reports which are sent to members. PMCGA also works closely with Penn State in evaluating corn hybrid performance for grain and silage in the commercial corn hybrid test plots each growing season. Hybrid corn performance results are published for each of the four corn maturity zones in Pennsylvania and are sent to all PMCGA members in mid-winter.

PMCGA also sponsors the annual Pennsylvania Corn Conference. This is a one-day intensive training type meeting addressing timely topics in production, marketing, and utilization. This year's conference will be held at the Ramada Inn in Middlesex, Mercer County on March 2.

Members also receive association newsletters. These include Corn Talk, our state newsletter; Corn Grower, the national newsletter; and Corn Farmer, a publication of Successful Farming Magazine. These publications keep us abreast of what's happening in the field, research, and legislation and aid us in providing input in these areas of concern. We also have corn enterprise budget worksheets, available on request. This corn budget is now available for use on computer.

This year we had a display at the Pennsylvania Farm Show, highlighting how corn and corn products effect our lives. We also have a stand at Ag Progress Days in the Crops Tent during mid-August.

I think that is about enough of an introduction to PMCGA. I hope talking about corn will motivate you to go out, heat up the shop, and give your corn planter a close going over and to finely tune your corn enterprise by selecting the best seed, fertilizer, and pesticides for your operation to grow corn this year. If you get excited about corn production like I do, join with us for more profitable corn production in the future.

Sincerely,

H. Grant Troop
PMCGA President

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Corn Grower President Has Model Conservation Farm

(Continued from Page 1)

farm with almost no erosion of soil.

"When the spring rains come, I would not be afraid to drink the water that comes off the lower fields because it's almost clear," Troop said. "That's a satisfaction I get, to be able to produce a good crop of corn and do it without a lot of soil washing."

Corn is planted with no-till methods that allow corn to follow corn each year. The crop is marketed as high moisture corn. The corn stalk residue left on the fields helps to keep the soil from eroding. Build-up of nutrients left in the soil from the farm's over-population of livestock 20 years ago allows for reduced fertilizer needs.

"It's rare that I need anything but nitrogen fertilizer," Troop said. "When I started farming, the soil was very high in fertility. I constantly soil test because I can't afford to play a guessing game.

"At first, test results showed excessive nutrients in the soil, but now, potash and phosphorus levels are coming back to normal levels."

His experience with soil tests on his own farm makes Troop believe that many local farms have nutrient build-up on their farms. And for this reason he believes the new nutrient management laws to go into effect in Pennsylvania are needed.

"Increasing numbers of animal units on decreasing acres in production makes it necessary to know exactly what nutrients you are handling and what they are and where they are ending up," Troop said.

"You hate to tell someone he doesn't have enough land to operate," Troop said. "But if you don't have a way to dispose of the waste, sometime in the future you will end up with a pile of manure and no place to go with it."

In addition, Troop sees nutrient management laws needed to guard against farmers who don't care about the environment. He cited example of a rather large dairy operation located on only six or seven acres that had to depend on neighbors to get rid of the manure. "I don't think farmers can continue with this kind of operation with no acres to handle the waste," Troop said."

Some farmers also build dairy or hog structures beside streams and even vent manure structures into the waterways during storms to get rid of the excess manure water. Troop called these "ugly situations" and said if a farmer had any conscience at all, he wouldn't do these things. He called farmers "slobs" who get fresh water from up stream but contaminate the environment down stream.

"That's where you need regulations—in ugly situations that just left to a man's conscience to fix up, he doesn't do it."

In the future, Troop believes corn production in Pennsylvania will also change because of nutrient management laws. Applying manure on clean fields (plowed under corn stalks) is also dangerous because nutrients can be lost with soil erosion. Conservation compliance to participate in government programs has brought on changes in corn farming in the mid-West. In Pennsylvania, the nutrient management laws will change the way corn is planted here.

Members of the Master Corn Growers Association have many benefits, including the exchange of ideas with other farmers, researchers and industry people. Troop believes this exchange is a vital part of the corn grower's existence.

"Corn is grown is so many different ways," Troop said. "And with the organization, you can network information with others that will help your bottom line. The margins in growing corn are small, and a few blunders will quickly take the profit out of the crop."

"Sometimes when you look only at total output or production, your methods can be harmful to the environment, but when you look at economic output, what pays and what doesn't, the limits of economy are in line with what's best for the environment.

"I find when you get to meetings and hear what others have to say, you are forced to think through how you do things and you become more mindful when you are doing it yourself," Troop said.

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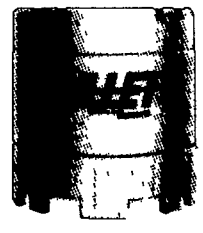

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HOSTETTER GRAIN

Ohio Corn Grower Director To Address Conference

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

WEST MIDDLESEX (Mercer Co.) — Mike Wagner, the executive director of the Ohio Corn Growers Association, will be one of the featured speakers at this year's annual corn conference.

The conference is slated to be held on March 2 at the Ramada Inn in West Middlesex in Mercer County. The conference will feature presentations on a number of timely topics, presentation of the Five Acre Corn Club Awards, and industry exhibits.

Wagner will be discussing some of the alternative uses the Ohio Corn Growers are pursuing with their checkoff funds. These include increasing the use of corn based ethanol and using corn based products in a coal desulfurization process. This should be of particular interest to Pennsylvanians, who are blessed with large deposits of high sulfur coal.

Mike Wagner

The keynote speaker will be Jim Bower, a commodity analyst from West Lafayette, Ind. who is frequently featured on Ag Day, the largest farm and ranch TV program in America, appearing on 140 stations. Jim will be discussing the influence of commodity markets on our prices in Pennsylvania and how we can best take advantage of futures in our situation.

Another speaker will be Soren Raveling, a Dupont researcher who will discuss the

(Turn to Page 11)

1993 Pennsylvania Corn Conference

March 2, 1993

Ramada Inn, Exit 1-N on Interstate 80

West Middlesex, PA

On behalf of the board of directors of PMCGA and the 1993 Corn Conference Committee, we'd like to invite you to this years state corn conference. We 're really excited about the lineup of speakers on this years program. We've focused again on bringing you state-of-the art information on those things that effect your bottom line- marketing, farm management, crop management, and government regulations. We'll also present the Five Acre Corn Club Awards. As usual you'll be able to meet and visit with some of the states top corn growers, extension specialists, and industry representatives.

1993
Corn Conference Committee

Greg Roth
Les Firth
Kevin Ganoe
Ken Haines
Ryan Hockensmith
Chris Kimmel
Dick Muckinhaupt
Glenn Peterman
Mike Wilcox
Brad Wise
Tom Zundel

Program

8:30 - 9:30 Registration/Visit Exhibits
-Coffee and Danishes!

9:30 - 9:40 Opening Remarks

9:40 - 10:10
Ethanol, coal desulfurization, and other new uses of corn
Mike Wagner
Executive Director
Ohio Corn Growers Association

10:10 - 10:55
KEYNOTE ADDRESS:
The role of the futures market in your corn marketing program
Jim Bower
Bower Trading, Inc.
West Lafayette, IN

10:55 - 11:15 Move to Breakouts

11:15 - Noon
Breakout Sessions- Select one:

Room A: **Biotech and corn breeding for improved corn grain feed quality**
Dupont research representative

Room B: **Using your debt constructively**
Gary Snider
Farm Business Consultant
Farm Credit of Western NY

Room C: **Silage, ear corn, and hi-moisture corn- issues for the dairyman in the northeast**
Bill Pardee
Extension Crop Specialist
Cornell University

Noon - 1:20 Lunch, visit exhibits

1:30 - 2:00
5-Acre Corn Club Awards and results wrap up for 1992
Greg Roth
Extension Agronomist
Penn State University

2:10 - 2:55
Repeat Breakout Sessions A, B, C

3:00 - 3:30
Wrap up session

SCS compliance- How much flexibility do we have?

Bill Richards, Chief, SCS (invited)

3:30 Adjourn
Have a safe trip home!

Ticket Information

Tickets for the conference are $10 and include lunch. Tickets are available through local county extension offices or from PMCGA, P.O. Box 304, State College, PA, 16804. Make checks payable to PMCGA. Tickets should be purchased by Feb. 24.

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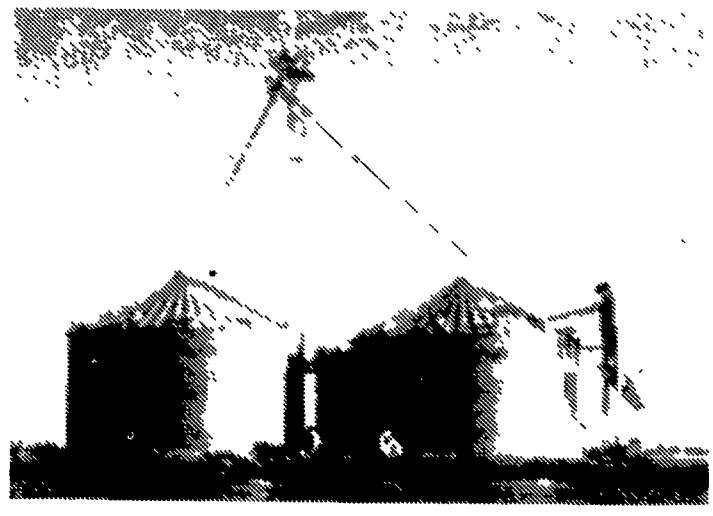

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Spouses Tour At Conference

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

WEST MIDDLESEX (Mercer Co.) — For the first time ever, a spouses tour will be offered at our annual conference. The tour is an opportunity for many of our eastern Pennsylvanian members to take a mid-winter vacation in western Pennsylvania.

Convince your spouse to join you for an overnight trip. You can attend the conference and your spouse can join our tour. The tour will leave at 9:30 from the conference and visit the quaint villages of Volant and New Wilmington, whose shopping districts offer antiques, arts and crafts and some Amish shops.

Special arrangements have been made for lunch at fine restaurant. A minimum of 25 registrants is needed before the tour can proceed. The cost of the tour will be $20 and include lunch and transportation.

To register, send your name, address, and telephone number and a check to PMCGA, Box 304 State College, PA 16804. In the event the tour is cancelled, your check will be returned.

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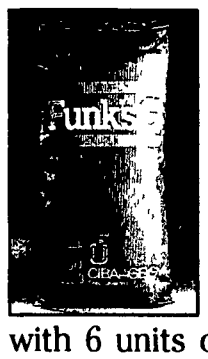

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Johnsongrass Control Trials In Corn

John Rowehl
York County
Extension Agent

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Although not the most widespread weed problem, Johnsongrass has been often named by farmers as one of the most difficult weeds to control in corn in southern Pennsylvania.

Prior to 1990, the main tools available to keep this under control were primarily cultural practices. Tillage and cultivation could aid in suppressing the vigor of the rhizomes from which the nasty weed regenerated it's growth.

Rotation to small grain and hay crops offered a little more crop growth competition to the weed during the growing season and following small grain harvest Roundup could be used. Rotation to soybeans allowed the use of effective post-emergence herbicides. When growing corn however, control with an herbicide was limited to using Eradicane which required immediate and thorough incorporation into the soil.

In 1990, two new herbicides, Accent and Beacon, became labeled for use in corn and were readily available in 1991. Both of these products are applied over the top of the corn after the weeds have reached a specified stage of growth. They both show activity on Johnsongrass and other weeds that are emerged at the time of application and low injury potential to the corn if applied as labeled. However, they do not provide residual weed control of later emerging stems or seedlings, so a tradeoff between waiting for late emerging weed growth and sacrificing control of the earlier weeds that might get too big is inherent. The additional production cost from using these products ranges from twenty to twenty five dollars per acre.

Because of concerns about application timing and potential rate reduction by users as a means of lowering costs, Dr. William Curran, extension weed specialist and I started a study in 1991 in York County to determine the effects of different application timings and of using less then standard rates. The study was conducted on a cooperating farm in a field with a history of a severe Johnsongrass infestation. The field was chisel plowed and disked prior to planting and received a pre-emergence herbicide to control other weeds. Each product was applied at two rates; standard label rate and one-half label rate. Each of these were applied at two different times; at the label recommended weed growth stage and also two weeks following the first applications. A third treatment included two half rates applied in a split application timing. Each plot was 12 feet wide and 25 feet long. Application was made with a carbon dioxide pressurized backpack sprayer, flat fan nozzles with 20 gallons of water plus 1 qt. crop oil concentrate per acre.

The height of the Johnsongrass at the first application on May 31 ranged from 8 to 18 inches. At the second application on June 11, the range was from 18 to 30 inches. Growing conditions in 1991 were terribly hot and dry. Both the corn and Johnsongrass were under stress before, during and after applications. Visual ratings of the percentage of weed control were taken. The full rates and the earlier applications generally did better than the half rates and later applications. This was probably due to a combination of the weed mass diluting the herbicide and reduced spray penetration due to obstruction by the weed and crop canopy at the later time.

There was a greater difference in control between the full and half rate of Accent than there was between the full and half rate of Beacon and the control ratings for Accent tended to be slightly higher than Beacon. For Beacon, the split application had the best control rating. But with Accent the rating for the split treatment was similar to the full rate first application timing. Half rates provided no more than sixty five percent control with either product at either application time.In 1992 the study was continued with some modifications to the treatments.

For both products, the standard label rate was compared to two thirds the standard rate. Liquid nitrogen was also used as an additive in addition to crop oil concentrate. All treatments were applied at one application time when the weed was in the recommended growth stage. An additional treatment consisted of a combination of both products applied together at a half rate each.

Growing conditions were more favorable than in 1991. Although rainfall was below average, it was adequate. Temperatures were much below average. The same field was used, but the corn was planted without tillage (no-till). Growth of the Johnsongrass out-paced the corn and had reached 10-12 inches by the time the corn had reached 4 inches in height, which was the minimum label recommended growth stage for application. Applications were made on May 28.

Visual ratings of the percentage weed control made through the beginning of July showed no differences between any of the treatments, all providing close to ninety percent control. In the control ratings taken in late July, Accent and the Accent-Beacon combinations were slightly better than the Beacon treatments. Those data suggest that comparable control with two thirds the rate may be attainable when made at the optimum weed stage and with adequate growing conditions.

(Turn to Page 11)

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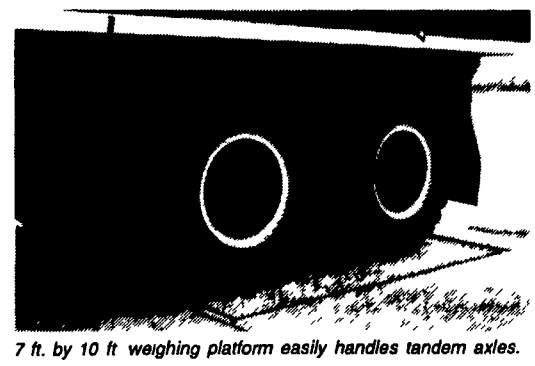

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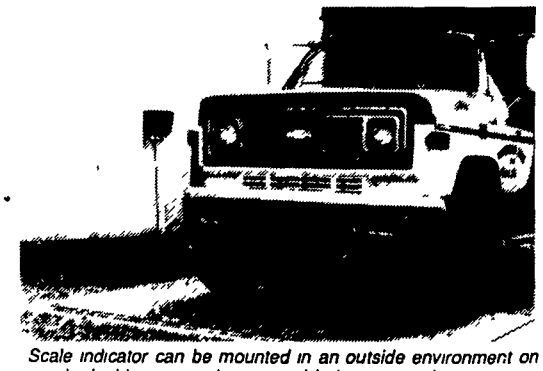

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Ohio Corn Grower Director

(Continued from Page 8)

potential of breeding corn for high oil content and the impact this may have feeding efficiencies.

One of Cornell's field crop specialists, Bill Pardee will update us on the New York situation, where the corn crop has been hit had by the cool weather. In addition, he'll discuss some of Cornell's research initiatives in corn breeding and silage quality.

Gary Snider, a farm management consultant from New York, will discuss how to make the most of capital investments on the farm and how to manage debt constructively. The program will conclude with a discussion of conservation compliance assessment and enforcement with SCS and ASCS officials.

Tickets for the event are $10 each and include a hot lunch. Tickets can be ordered through the Agronomy Department (116 ASI, University Park, PA 16802) or through the Lawrence County Extension Office in New Castle (Courthouse, Ag Center, New Castle, PA, 16101-3598).

Johnsongrass Control

(Continued from Page 10)

Remember that although using less than label rates is legal in Pennsylvania, the product manufacturer is relieved of responsibility for the product's performance if less than label rates are used. Half rates under stress conditions in this study did not perform adequately.

Application at the optimum or slightly earlier time would appear to be a better choice than one made later. Overall, Accent seemed to perform slightly better than Beacon although the difference was not always statistically significant. It is important to remember that these results come from a limited amount of data and that many factors (temperature, rainfall, geography, etc.) affect herbicide performance. Johnsongrass was the only weed studied in these experiments and other weed species may differ in their degree of susceptibility to both Accent and Beacon.

CORN TALK NEWS
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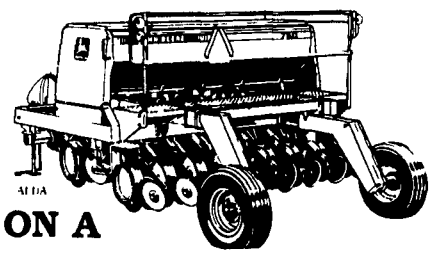

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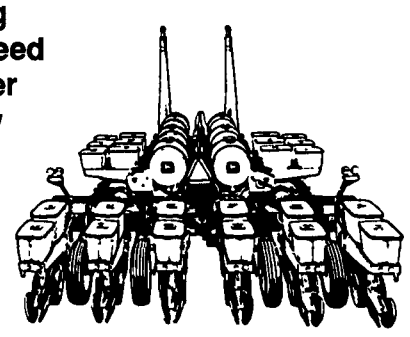

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Corn Growers Release Five Acre Results

STATE COLLEGE (Centre Co.) — The Pennsylvania Master Corn Growers Association (PMCGA) has announced the winners of its 1992 Five Acre Corn Club Program.

Awards were made for both three-year yield averages as well as for highest yields during 1992.

One hundred and thirty five corn growers participated in the program this year. This year's results reflected the excellent growing season in many areas of southern Pennsylvania.

Yields were a record high, averaging 163.4 bushels per acre. Seven entrants reported yields of more than 200 bushels per acre and another 38 reported yields of more than 175 bushels.

For the 1992 classes, first place in the large harvest shelled corn class went to Clarence Keener Jr. from Lancaster with a yield of 211 bushels per acre. In the regular harvest size class, Larry E. Moyer of Mertztown took the honors with a yield of 214 bushels per acre.

The first place award in the ear corn hand harvest class was won by Glenn Bros. Dairy from McConnellsburg with a yield of 213 bushels per acre. Kenneth Schlegel of Fleetwood took the top honors in the machine harvest ear corn class with a yield of 191 bushels per acre.

In the three year average class for shelled corn harvested from a large (more than 3 acres) sample, first place was awarded to William Bissinger from Bloomsburg with an average yield of 165 bushels per acre. Second and third place in this class went to D. Richard Snyder of Mountoursville and Daryl Alger of Palmyra with average yields of 161 and 155 bushel per acre, respectively.

In the three year average class for shelled corn harvested from a regular (less than three acres) sample, first place was awarded to Paul Lechner from Oley with a yield of 189 bushels per acre. Second and third places in this class went to Donald Lichtenwalner of Macungie and Joe Matejik of Mechanicsville with average yields of 187 and 185 bushels per acre, respectively.

In the ear corn class, the three-year average first place award went to Lester Poust of Muncy, who has averaged 187 bushels per acre. Second and third place awards went to Sid Lewis from Wysox and Sandy Ridge Farms from Shippenville, with yields of 177 and 163 bushels per acre, respectively.

Awards will be presented at the Pennsylvania Corn Conference, to be held in March. The Pennsylvania Master Corn Growers Association has more than 350 members statewide.

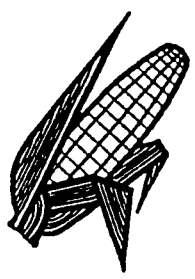
For more information, contact Greg Roth, executive secretary, PMCGA, (814) 863-1018.

Following are a list of the winners by county and individual categories of the 1992 Pennsylvania Five Acre Corn Club, sponsored by the Pennsylvania Master Corn Growers Association, the Pennsylvania Seedsmen Association, and commercial seed industry.

1992 Pennsylvania Corn Club

Farm Name	Bu/A	% H2O	Plant Pop.	% Erect	% Barren	Row Width	Applied Manure	nutrients/A* N	P2O5	K2O	Corn Variety	Harvest Class
Beaver County												
Norman Jodikinos	178.6	24.5	24263	96.1	2.9	30	Dairy	274	128	280	Pioneer 3527	Lg Shell
Myron Bonza	164.4	28.9	23760	97.5	1.3	38	Dairy	76	104	192	Pioneer 3527	Ear/Mech
Duane Miller	160.8	24.3	25617	98.6	1.0	38	Dairy	53	86	108	Pioneer 3527	Reg. Shell
Elder Vogel	146.1	23.4	19227	91.1	2.3	38	Dairy	108	104	192	Funks 4255	Reg Shell
Average	162.5	25.3	23297	96.1	1.9	36		127	105	198		
Berks County												
Lloyd Zook	202.6	26.0	25230	98.3	0.8	30	None	136	31	10	Pioneer 3293	Reg Shell
Paul Lechner	198.6	28.1	24672	96.8	2.8	30	None	213	53	18	Pioneer 3293	Reg Shell
Floyd Kurtz	198.4	24.9	23348	99.7	1.8	30	Dairy	240	96	136	Pioneer 3293	Reg Shell
Clair Z. Zimmerman	197.2	30.1	23836	99.4	5.3	30	Beef	317	64	180	Pioneer 3293	Reg Shell
Kenneth Schlegel	191.2	25.4	23470	96.7	0.0	36	Dairy	131	106	125	Pioneer 3283	Ear/Mech
Surd W. Schantz	188.8	21.0	25826	98.3	1.3	30	Dairy	194	186	178	Pioneer 3245	Ear/Hand
David Schantz	188.0	28.8	27514	98.2	0.6	30	Dairy	219	208	218	Pioneer 3358	Ear/Hand
Noel Schlegel	183.6	25.8	23660	97.4	2.8	36	Dairy	132	138	192	Pioneer 3241	Reg. Shell
Elvin Kurtz	178.6	28.7	26232	93.0	1.0	30	None	78	28	28	Pioneer 3286	Ear/Hand
Herman Manbeck	178.6	23.6	23209	96.6	2.1	30	Swine	267	220	170	Pioneer 3283	Reg. Shell
Joseph R Ruth	177.0	23.6	27112	92.6	0.6	30	None	145	56	56	Pioneer 3241	Reg. Shell
Luke Kurtz	168.6	29.3	21886	98.0	2.9	30	None	166	36	16	Pioneer 3345	Reg. Shell
John H Stump	156.9	33.2	23386	98.9	2.6	38	Dairy	163	93	131	Jacques 9220	Ear/Hand
Average	184.6	26.7	24586	97.6	1.9	32		184	101	112		

(Turn to Page 13)



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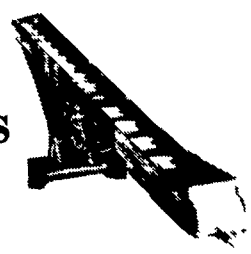

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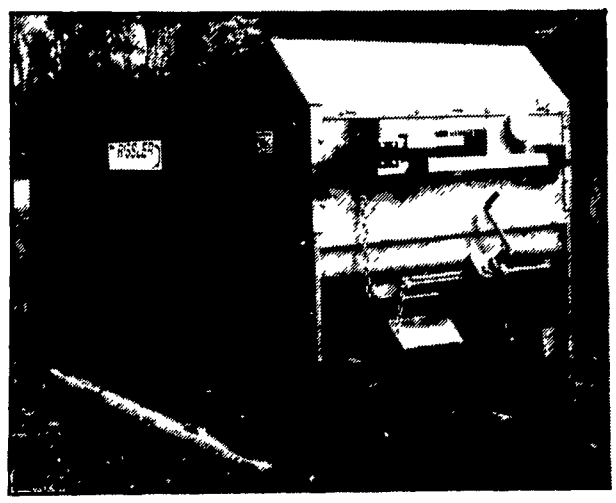

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Five Acre Results

(Continued from Page 12)

Blair County												
David Hileman	174.1	29.3	27382	96.7	1 0	30	Dairy	236	160	288	Pioneer 3241	Reg. Shell
Average	174.1	29.3	27382	96.7	1 0	32		236	160	138		
Bradford County												
Kendale Farm	177.8	28.6	28462	99 9	1.7	30	Dairy	166	100	170	Pioneer 3293	Ear/Hand
Thomas Pepper	162.9	33.0	32130	93.8	3.9	32	Dairy	224	128	172	Dosbler's 75X	Ear/Hand
Sidney L. Lewis	162.2	26.5	26107	99.2	1.1	30	None	136	30	15	Dosbler's 66 XP	Ear/Hand
Robert Tayler	141.5	30.5	23625	99.1	2.4	30	None	175	92	136	Dosbler's 66 XP	Ear/Hand
LeRoydale Farm	139 0	28.0	25616	99 4	1 9	32	Dairy	177	110	175	Dosbler's 67 XP	Ear/Hand
Rodney Babcock	121.6	33.0	21624	99.1	2.7	30	Dairy	160	114	160	DeKalb 624	Ear/Hand
Dale Maltocks	110 2	32.0	23784	98 6	2.9	30	Dairy	68	100	160	Pioneer 3733	Ear/Hand
Average	146.0	29 8	25691	98 4	2.3	31		165	96	141		
Bucks County												
Joseph L. Matejik	186.3	24 3	26232	93.2	2.0	30	None	235	61	30	Hyset 7728	Reg. Shell
Matthew Maximuck	184 9	22.1	26701	79 9	4 6	30	None	248	91	91	DeKalb 677	Reg. Shell
Kenneth S Beer	152.0	20 2	22074	98.2	2.0	30	None	161	66	20	Pioneer 3293	Lg. Shell
Harry F Atkinson, Jr	139 5	18 8	23447	98 9	2.3	38	None	220	120	120	Pioneer 3527	Reg. Shell
Average	166.2	21 4	24827	92.0	2.7	32		216	86	66		
Butler County												
Eugene Graham	173.1	27.5	21084	100 0	1 0	30	Dairy	194	136	128	Pioneer 3475	Ear/Hand
Glenn Studebaker	171 4	30 0	19965	98 4	0 8	36	Dairy	266	332	473	Pioneer 3394	Lg Shell
Harold Foertsch	135 4	27 5	20666	98 6	3 6	30	None	375	134	25	Pioneer 3527	Lg Shell
Average	160 0	28 3	20648	99 0	1 8	32		278	201	209		
Cambria County												
Jerry Davis	144 0	20.0	23066	98.6	2.4	30	Beef	214	227	280	Pioneer 3733	Ear/Hand
Earl & Paul Long	125 6	35 0	23407	99 9	2.4	36	None	163	144	58	Agway 658	Lg. Shell
Average	134.8	27 5	23231	98.4	2.4	33		188	186	156		
Cameron												
Myers Farm	44 6	38 0	12849	89 5	1 5	38	None	247	197	183	Dosbler's 35XP	Ear/Hand
Average	44 6	38.0	12849	89 5	1.5	38		247	197	183		
Chester County												
Nelson Beam	185.3	24.1	21582	99 9	2.6	30	None	189	27	0	Pioneer 3245	Ear/Hand
William Beam	175 9	20.1	22836	97 0	1 6	30	None	145	51	80	Dosbler's 75 XP	Reg. Shell
Ralph Petersheim	174 9	27.3	22153	99 6	3.1	30	Dairy	39	87	151	Pioneer 3293	Ear/Hand
Jeff Mitchell	156 1	22 0	20473	100 0	4 0	30	None	191	32	42	Pioneer 3394	Reg. Shell
Average	173.0	23.4	21757	99 1	2.6	30		133	48	68		
Clarion County												
Sandy Ridge Farms	186.9	30.5	25795	96.6	0 5	30	Dairy	294	88	116	Pioneer 3394	Ear/Hand
Snyder Valley Farms	163.8	31 7	23060	90 3	1 1	34	Dairy	191	143	186	Pioneer 3573	Ear/Hand
Average	175 3	31.1	24427	98.5	0 8	32		242	115	150		
Clearfield County												
Gregory Kennis	118.5	32.6	19634	100 0	1.6	36	Dairy	103	117	144	Pioneer 3540	Ear/Mech
Duane Knepp	106.4	28 6	20071	95 5	0 5	38	None	45	90	90	Agway 310	Ear/Hand
Average	112.0	30.7	20002	97.7	1 0	37		74	104	117		
Columbia County												
Richard Fetterman	196.5	28 0	22283	98.7	3.5	30	Swine	213	208	120	Pioneer 3293	Lg. Shell
Keith Blesinger	175.7	24.1	23919	99 3	4 2	30	Beef	110	82	100	Pioneer 3527	Lg. Shell
William Blesinger	175.3	25.3	25701	98.9	4 5	30	None	166	40	40	Pioneer 3527	Lg. Shell
Lloyd George	161.6	27 8	24660	96.1	3.4	30	None	186	30	0	Pioneer 3394	Reg. Shell
Carl T. Shaffer	154 7	24.1	25107	98 8	2.0	30	None	180	40	20	Pioneer 3293	Lg. Shell
Larry Breech	111 5	31 5	16103	98 3	2.8	30	Poultry	193	145	72	Pioneer 3394	Lg. Shell
Average	162.4	26 8	23345	98.2	3 4	30		174	91	58		
Dauphin County												
Milton Hershey School Farm	156 6	23 3	22136	97 6	3 7	30	None	243	182	34	Pioneer 3140	Lg. Shell
David S Coble	153.1	24 0	22605	97.2	0 7	30	Swine	188	140	110	Pioneer 3293	Lg Shell
Lee R Hitz	146 3	22 5	23074	98 6	1 9	30	None	156	24	6	Pioneer 3241	Lg. Shell
Average	151.7	23.3	22605	97 9	2.1	30		188	115	50		

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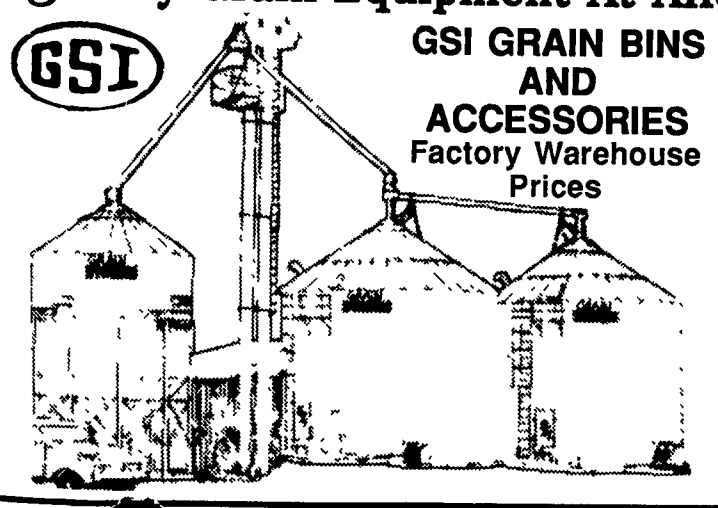

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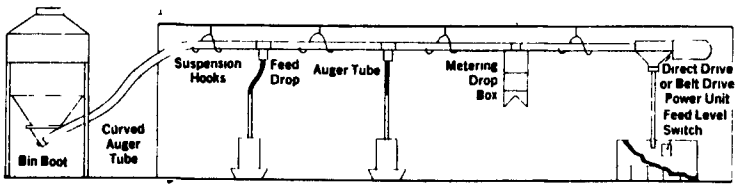

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CORN TALK NEWS
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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Five Acre Results

(Continued from Page 13)

Elk County

Ken Dippold	101 6	34 0	21318	76 6	2.5	34	None	273	141	153	Agway 310	Ear/Hand
Average	101 6	34 0	21318	76 6	2.5	34		273	141	153		

Erie County

Robert Blount	171 2	34 5	17051	89 2	1 3	30	None	118	106	53	Doebler's 75 X	Reg Shell
Average	171 2	34 5	17051	89 2	1 3	30		118	106	53		

Fayette County

Albert Ferens	198.7	24 5	25783	99 0	0.2	30	Dairy	219	133	125	Supercross 5461	Reg. Shell
Richard Burd	194.5	24 5	25013	100 0	2.0	30	None	141	53	0	Pioneer 3379	Lg. Shell
Maleweck Farm	178.6	27 0	30786	98.4	1 6	30	Beef	281	84	70	Eastland 899	Reg. Shell
Bill Work	182.1	24 5	23382	99 7	0 5	30	None	139	112	285	Pioneer 3527	Reg Shell
Average	183.6	25.1	26201	99.3	1.1	30		190	91	115		

Franklin County

Lester C Wingert	184 4	27 8	24416	98 5	1 6	30	Dairy	129	25	9	Pioneer 3140	Lg Shell
Dennis Brechbill	182.4	21 7	24598	99 4	1 8	30	None	170	32	45	Pioneer 3394	Lg Shell
Titus H Martin	161 5	26.4	22856	98 4	2.5	30	Dairy	166	66	64	Agri-Pro 510	Ear/Hand
Donald E Martin	146 6	26 0	20729	96 7	3 8	30	Dairy	160	61	73	DeKalb 646	Ear/Hand
Average	168 7	25 5	23150	98 5	2.5	30		161	51	53		

Fulton County

Glenn Bros Dairy	212.9	19 5	21508	97 4	1 3	38	Dairy	155	105	85	Pioneer 3140	Ear/Hand
R C McLucas	163 1	26 0	24283	99 7	1 4	36	Dairy	250	100	84	Funk G4385	Ear/Hand
Average	188 0	22.8	22896	98 6	1 4	37		203	103	85		

Huntingdon County

Camp Espy Farms	190 3	28 0	25013	99 1	1 6	30	Beef	623	600	812	Pioneer 3352	Ear/Hand
Average	190 3	28 0	25013	98 1	1 6	30		623	600	812		

Indiana County

J. Robert Lockhart	166.0	24 4	23639	96.2	0.3	36	Dairy	196	70	110	Pioneer 3733	Ear/Hand
Michael Zolocsik	162.4	32.0	21284	89 0	0 6	34	Dairy	410	140	70	Hytest 318	Ear/Hand
Edward D Kuckuck	159 6	24 7	22258	99 0	1 5	30	None	185	98	0	Pioneer 3527	Ear/Hand
David Bork	106 1	30 2	22406	94 6	3 6	36	None	92	78	53	ICI 1900	Ear/Hand
Average	148.5	27 8	22472	92.6	1 5	34		220	96	58		

Lancaster County

Clarence A. Keener, Jr	210 7	24.0	27161	98 4	1 3	30	None	171	36	10	Pioneer 3245	Lg. Shell
Daryl L. Martin	191.2	24.5	23435	96.9	3.0	30	None	223	0	0	Pioneer 3293	Lg. Shell
Earl G. Martin	182.9	24 6	24742	98 4	1 4	30	None	223	0	0	Pioneer 3241	Lg. Shell
Jack Coleman	178 3	28 4	23987	96.8	2.2	30	Poultry	119	240	170	Hytest 7728	Lg. Shell
J. Philip Garber	175 4	23.3	25862	97 7	1 0	30	Poultry	212	254	127	Pioneer 3293	Lg. Shell
Dale Rohrer	173.3	23.5	24858	97 0	0 5	30	Poultry	270	313	175	Pioneer 3241	Lg. Shell
J Wilmer Horst	165 4	23 0	23359	89 5	2.1	32	Dairy	153	101	185	Eastland 7810	Ear/Mach
Average	182.5	24 2	24788	96 9	1 6	31		196	135	96		

Lawrence County

Edward Byers	161 6	31 0	22635	92.4	2.2	36	Dairy	283	150	196	Cargill 7997	Ear/Hand
Robert Trotter	161 3	29 4	23466	90 3	2.3	30	Dairy	223	72	96	DeKalb 636	Ear/Hand
Ed McCready	57 7	30 2	27512	96 5	2.2	36	None	179	72	24	DeKalb 646	Ear/Hand
Kenny Farms	152.5	29 3	22333	100 0	0 0	36	Dairy	125	125	175	Pioneer 3394	Lg Shell
Average	158 3	30 0	23966	92.3	1 7	36		197	105	123		

Lebanon County

Richard C. Kreider	203.5	22.1	26367	94.5	1.7	30	Beef	319	246	314	Pioneer 3394	Lg. Shell
Daryl L. Alger	203.4	22.7	27094	98.5	0.9	30	None	154	16	4	Pioneer 3299	Lg. Shell
Vernon Beimer	163.8	31.0	26429	93.4	1 0	29	None	265	110	77	De Kalb 677	Reg. Shell
Average	190.2	25.3	26630	95.8	1.2	30		246	124	132		

Lehigh County

Larry E. Mayer	214.1	21.1	24868	97.4	2.0	30	Beef	176	64	76	Doebler's 73 XP	Reg. Shell
Donald Lichtenwalner	198.9	26.8	22395	98.6	1.7	30	None	198	60	60	Pioneer 3293	Reg. Shell
Newhard Farms	186.0	25.3	27878	98.4	4 8	30	None	216	63	108	Pioneer 3345	Reg Shell
Average	198.7	24.4	25031	98.1	2.6	30		197	62	81		

Lycoming County

Lester M. Foust	200.4	28.9	28648	99.6	2.0	30	Dairy	199	88	116	Pioneer 3394	Ear/Hand
Ed Sneak	191.8	28.0	23441	91.3	1.7	30	Swine	166	139	107	Pioneer 3293	Reg. Shell
D. Richard Snyder	168.8	26.8	24547	98.7	2.7	30	None	196	64	32	Pioneer 3345	Lg. Shell
Bishop Farms	167.6	23.3	26723	98.1	1.7	36	None	420	40	40	Pioneer 3394	Ear/Hand
Ray Laurensen	121.5	30.0	15875	98.0	4.3	36	Poultry	232	196	86	Funks G 4832	Ear/Hand
Subes Fairview Farm	120.1	30 0	23407	96.7	5 6	36	None	130	80	440	Muncy Chief XA560	Lg. Shell
Average	161.7	27 8	23280	97 9	3.0	33		224	101	137		

Mercer County

Warren Pilgram	196.3	26.9	27976	98.4	1 6	30	None	112	61	5	Pioneer 3527	Ear/Hand
Hunting Valley Farm	171 6	37 3	18463	98.4	3.2	30	Dairy	390	567	1071	Doebler's 75 X	Ear/Hand
Langel Bros.	171.4	31.9	24826	98.7	2.2	30	None	146	60	60	Pioneer 3394	Ear/Hand
Roy Wimer	133.1	26.4	19321	98.6	1.1	36	None	280	60	60	Funks 4070	Ear/Hand
Bob & George Gregg	116 7	41 2	23032	99 1	1 8	36	None	90	40	40	Doebler's 57 XP	Ear/Hand
Charles Sump	113.0	36.4	24409	90 5	1 8	30	None	172	128	60	Pioneer 3527	Ear/Hand
Gadsby Farm	110 5	33 0	22103	96 3	6 9	36	None	77	69	0	Doebler's 59 X	Ear/Hand
Average	144 9	33.2	22878	95 6	2.7	33		178	139	185		

Northampton County

Wagner Farms	168 9	24 0	20262	75 5	0 2	30	None	219	117	120	Pioneer 3241	Reg Shell
Jungerdale Farms	165 6	31 6	22249	99 9	2 4	36	None	197	70	35	Funks 4671	Reg Shell
Average	167 2	27 8	21266	87 7	1 3	33		208	94	78		

Northumberland County

Furman Farms Inc.	187 6	24 0	23800	100 0	0 0	30	None	234	36	61	Pioneer 3394	Lg. Shell
Kevin-Charles Farms	182.1	20 4	17424	79 6	0 0	30	None	151	135	144	Pioneer 3394	Lg Shell
Average	184 8	22.2	20512	89 8	0 0	30		193	87	113		

Schuylkill County

Kermit Kahler	153.3	30 0	23363	99 5	1 2	30	Dairy	150	141	180	Pioneer 3293	Reg Shell
Carl T Miller	100 6	45 0	24417	98.9	0 6	36	Dairy	178	190	183	Doebler's 75 mod	Reg Shell
Steve Paul	174 2	28.6	23470	99 1	0 3	30	None	200	64	32	Pioneer 3293	Reg. Shell
Andrew Lucas	166 8	24 1	28469	98.1	0 9	30	None	151	52	0	NK 8330	Ear/Mach
Lyndon Hepler	158 8	28.5	25263	98 3	3 5	30	Swine	139	110	86	Pioneer3293	Reg Shell
Dale Hersler	129 6	32.3	23089	95 2	3 2	30	Dairy	63	65	125	Hytest 512	shelled corn
Average	150 7	31.2	25204	99 2	1 3	30		164	111	98		

Union County

Focus Farms	186 3	24.3	28239	100 0	0 0	30	Poultry	240	228	192	Pioneer 3293	Lg Shell
Ernest & Dean Sneak	167 2	27.3	24336	100 0	0 0	30	None	172	16	7	Pioneer 3293	Lg Shell
Daryl Beiler	157 6	27 5	25842	-25 0	0 0	31	None	176	36	9	Pioneer 3241	Lg Shell
Average	170.1	26.4	26139	58.3	0 0	30		197	94	69		

Wayne County

John Pawloski	107 2	14 0	28066	98 3	3.8	32	Dairy	169	141	281	DeKalb 397	Ear/Hand
Average	107 2	14 0	28066	98.3	3.8	32		169	141	281		

Westmoreland County

Charles Carr Jr.	169 6	26.4	21755	98 9	6 9	30	Dairy	87	213	162	Doebler's 75X mod	Ear/Hand
John & Robert Graham	129 6	27 0	18338	98 6	3 4	36	Dairy	218	125	205	Hytest 512	Ear/Hand
Average	149.6	26.7	20046	98 7	5.2	36		152	169	184		

York County

Chiesat Farms	176.5	22.0	21998	96.6	2.0	30	None	206	69	90	Pioneer 3241	Reg. Shell

(Turn to Page 16)

CORN TALK

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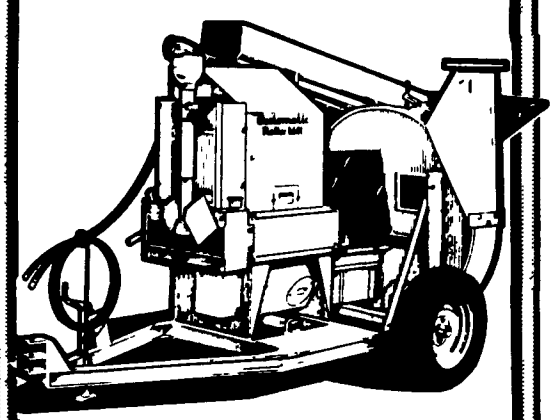

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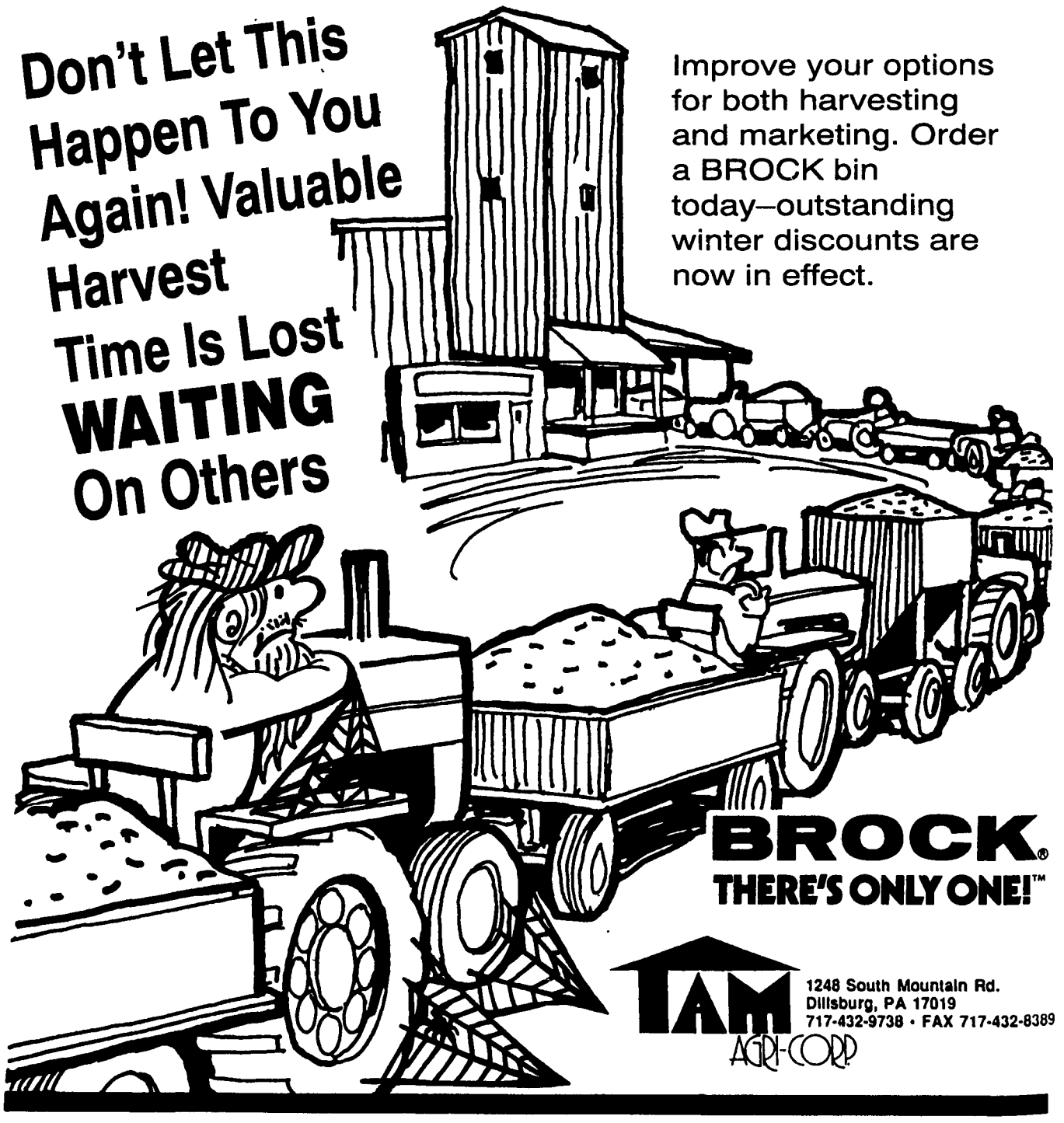

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DAIRY VERSION

EFFECTIVE OCTOBER 1, 1992

CORN SILAGE *Menu*

FOR PENNSYLVANIA/MD/VA

MATURITY		GRAIN YIELD	FORAGE YIELD		[ENERGY]		[INTAKE]		DAIRY
DAY RANGE	HYBRID	AT 15.5% MOISTURE	70% TONNAGE MOISTURE	CRUDE PROTEIN	% DM NFC	IN VITRO WP DIGESTIBILITY	% DM NDF	IN VITRO FIBER DIGESTIBILITY	QUALITY INDEX
Early 95-100	3427	8	7	7	8	6	8	5	43
	3477	5	3	5	7	6	7	6	49
	3637	6	5	7	7	6	7	6	47
	4137	7	9	6	9	8	9	6	48
Medium 105-112	4327	9	6	6	9	9	9	9	65
	5877	7	6	9	8	8	9	5	45
	SX269	7	9	7	3	5	4	9	64
	6227	8	8	5	9	7	8	6	42
Med-Late 115-120	7697	8	8	4	6	6	5	6	45
	7877	9	9	7	6	7	7	8	57
	8027	8	7	7	8	9	8	8	62
	8127	8	7	9	8	9	9	9	68
Late 120-130	8177	7	9	3	9	9	9	6	46
	8527	8	9	8	8	8	8	6	48
	9027	9	8	4	8	7	8	5	38
	9197	7	9	6	6	6	6	9	66

RATING SCALE	
9 - 8	= Outstanding
7 - 6	= Above Average
5	= Average
4 - 3	= Below Average
2 - 1	= Substandard

University conducted research supported by Cargill has built the data base for the whole plant quality portion of this menu Quality profiles were developed by the use of In Vitro Rumen Fermentation technology. In Vitro True Digestibility was used to measure whole plant energy In Vitro Cell Wall Digestibility was used to measure fiber digestibility and correlated to dry matter intake

CARGILL HYBRID SEEDS

QUALITY INDEX - DAIRY

The Quality Index was designed to simplify the corn hybrid selection process from the Corn Silage Product Menu. This one index is structured to take into account the key quality criteria that could effectively reduce ration supplementation costs and influence milk production potential.

This Menu is designed to profile corn hybrids on forage & grain yield potential and key forage quality traits. Corn hybrids differ in their combination & level of fiber (NDF), digestibility, and protein content. The dairy cow has different Forage Quality requirements that are dependent on her stage of lactation.

Because of these relationships, the Quality Index was created to score each hybrid's quality potential by putting a weighted factor or emphasis on the key quality traits that would have the greatest impact on milk production & profitability. This factoring system is as follows:

QUALITY CRITERIA	HIGH LACTATING
NDF	0%
NDF DIGESTIBILITY	75%
TOTAL DIGESTIBILITY	12.5%
NFC	0%
CRUDE PROTEIN	12.5%
TOTAL	100%

WINNERS IN THE 1992 NATIONAL CORN GROWERS YIELD CONTEST

National AA Non-Irrigated
Calvin Hiatt Cicero, IN 7997 3rd 247.35 bu.

STATE WINNERS IN THE EAST

Class	Name	Town	Hybrid	Place	Yield
A Non-Irrig.	Franklin Dill	Chestertown, Md.	7997	2nd	195.39 bu.
A Non-Irrig	William Beckwith	Linkwood, Md.	7997	9th	183.17 bu.
A Non-Irrig	Lamar Miller	Manheim, Pa.	7997	7th	189.12 bu.
AA Non-Irrig	David Hamilton	Lynchburg, Oh	7997	6th	224.37 bu.
No-Till Non-Irrig	J.D. Farms	Cambraidge, Md.	7997	5th	191.42 bu.
No-Till Non-Irrig	Roger Woolf Farms	Washington, NJ	7997	8th	158.55 bu.
No-Till Non-Irrig.	Lamar Miller	Manheim, Pa.	7997	7th	166.79 bu.
No-Till Irrig.	Lamar Miller	Manheim, Pa.	7997	2nd	189.47 bu.
Irrig.	Three Rivers Farms	Woodburg, Ct.	SX269	1st	162.30 bu.
Irrig.	Three Rivers Farms	Woodburg, Ct.	7997	3rd	149.09 bu.

Brubaker Agronomic Consulting Service, Lititz, PA

Average of 3 Corn Variety Trials

Hybrid	Moisture	Yield
#1 Cargill 7997	24.3	174.9
#2 Cargill 8127	23.6	174.5

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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Five Acre Results

(Continued from Page 14)

Paul McPherson	175.5	22.3	24388	98.0	2.8	30	None	180	30	0	Pioneer 3241	Reg. Shell
Yost Farm	173.1	23.3	23197	99.6	2.7	38	None	217	40	60	Pioneer 3293	Reg. Shell
Charles Winemiller	170.0	24.3	23691	96.2	1.0	30	None	215	58	75	Pioneer 3241	Lg. Shell
Roy G. Jackson, Jr	159.9	21.8	25400	98.0	4.2	30	None	190	45	65	Pioneer 3295	Lg. Shell
Philip Sprenkle	140.2	25.9	20884	99.1	1.6	38	None	219	126	86	Pioneer 3394	Reg. Shell
Average	165.9	23.3	23289	96.3	2.4	38		204	61	63		

*Applied nutrients include previous crop credits, fertilizer, and manure

1992 PENNSYLVANIA CORN CLUB

-1992-
CHAMPIONS
1990-92
THREE YEAR AVERAGE AWARDS

SHELLED GRAIN CLASS
-REGULAR HARVEST SIZE-

	NAME	ADDRESS	YEAR	YIELD	HYBRID
1ST	Paul Lechner	RD 2	1990	188.9	Pioneer 3241
	Berks County	Oley	1991	177.5	Pioneer 3141
			1992	199.6	Pioneer 3293
			AVG	188.7	
2ND	Donald Lichtenwalner	Indian Creek Rd.	1990	177.9	Pioneer 3140
	Lehigh County	Macungie	1991	187.1	Pioneer 3170
			1992	196.9	Pioneer 3293
			AVG	187.3	
3RD	Joseph Matejik	5901 Mechanicsville	1990	167.0	Hytest 650A
	Bucks County	Road	1991	200.6	Hytest 736
		Mechanicsville	1992	188.3	Hytest 7728
			AVG	185.3	

-3 ACRE + HARVEST SIZE-

1ST	William Biesinger	RD 4	1990	173.8	Pioneer 3241
	Columbia County	Bloomsburg	1991	150.8	Pioneer 3527
			1992	175.3	Pioneer 3527
			AVG	166.9	
2ND	D. Richard Snyder	RD1	1990	151.9	Pioneer 3140
	Lycoming County	Mountoursville	1991	175.2	Funks 4624
			1992	168.8	Pioneer 3245
			AVG	160.0	
3RD	Daryl L. Alger	Campbelltown Rd.	1990	174.5	Pioneer 3241
	Lebanon County	Palmyra	1991	105.9	Pioneer 3241
			1992	203.4	Pioneer 3293
			AVG	155.5	

EAR CORN CLASS
-REGULAR HARVEST SIZE-

1ST	Lester Poust	RD 4	1990	191.2	Pioneer 3343
	Lycoming County	Muncy	1991	169.9	Pioneer 3241
			1992	200.4	Pioneer 3394
			AVG	187.2	
2ND	Sidney Lewis	RR 2	1990	188.3	Doebler's 75X
	Bradford County	Wysox	1991	191.7	Doebler's 66 XP
			1992	162.2	Doebler's 66 XP
			AVG	176.9	
3RD	Sandy Ridge Farms	RD 1	1990	175.9	Pioneer 3475
	Clarion County	Shippenville	1991	149.1	Pioneer 3527
			1992	162.7	Pioneer 3394
			AVG	162.6	

THREE YEAR AVERAGE RANKING TO TENTH PLACE

HARVEST CLASS: EAR CORN
HARVEST SIZE: REGULAR
15 ELIGIBLE

	Farmer	Yield (Bu/A @15.5%) 1992	1991	1990	Average	County
1	David Schantz*	186.01	205.40	193.60	195.00	Berks
2	Burd W. Schantz*	189.85	179.10	206.70	191.88	Berks
3	Lester M. Poust	200.36	169.90	191.20	187.15	Lycoming
4	Sidney L. Lewis	162.21	191.70	188.30	180.74	Bradford
5	Sandy Ridge Farms	186.85	149.10	175.90	170.62	Clarion
6	Bishop Farms	167.61	184.90	151.50	168.00	Lycoming
7	LeRoydale Farm	139.03	170.90	152.40	154.11	Bradford
8	Kendale Farm	177.78	90.10	159.50	142.46	Bradford
9	Gadsby Farm	110.53	132.40	144.30	129.08	Mercer
10	J. Robert Lockhart	166.02	105.80	109.60	127.21	Indiana

(Turn to Page 17)

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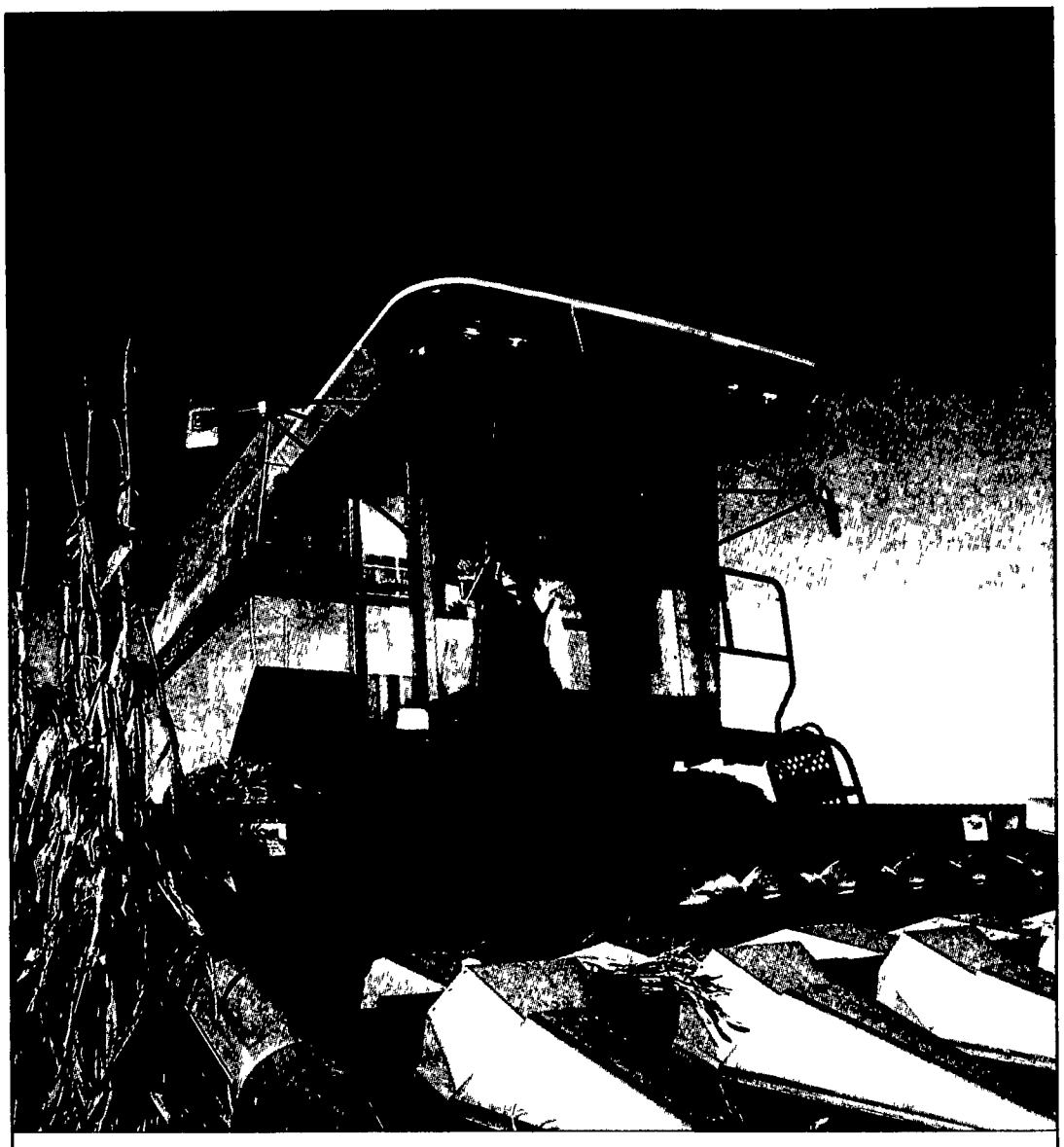

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Five Acre Results

(Continued from Page 16)

HARVEST CLASS: SHELLED CORN
HARVEST SIZE: REGULAR
15 ELIGIBLE

	Farmer	1992	Yield (Bu/A @15.5%) 1991	1990	Average	County
1	Lloyd Zook*	202.59	201.80	189.90	198.10	Berks
2	Paul Lechner	199.59	177.40	188.90	188.63	Berks
3	Donald Lichtenwalner	196.94	187.10	177.90	187.31	Lehigh
4	Joseph L. Matejik	188.34	200.60	167.00	185.31	Bucks
5	Wagner Farms	188.90	190.60	182.30	180.60	Northampton
6	Floyd Kurtz	198.40	184.60	168.80	177.27	Berks
7	Juniperdale Farms	185.56	184.10	175.30	174.99	Northampton
8	Ed Snook*	191.84	150.00	186.60	169.48	Lycoming
9	Albert Ferens	198.66	116.20	172.20	162.35	Fayette
10	Lloyd George	161.60	121.60	195.70	159.63	Columbia

HARVEST CLASS: SHELLED CORN
HARVEST SIZE: 3 Acre +
13 ELIGIBLE

	Farmer	1992	Yield (Bu/A @15.5%) 1991	1990	Average	County
1	William Bissinger	175.31	150.70	173.90	166.64	Columbia
2	D. Richard Snyder	168.76	175.20	151.90	165.29	Lycoming
3	Daryl L. Alger	203.41	105.90	174.50	161.27	Lebanon
4	Keith Bissinger	175.68	154.90	142.90	157.83	Columbia
5	Lester C. Wingert	184.42	137.70	149.10	157.07	Franklin
6	Dennis Brechbill*	182.44	101.50	184.50	156.15	Franklin
7	Richard C. Kreider	203.48	103.70	160.20	155.79	Lebanon
8	J. Philip Garber	175.44	88.60	188.60	150.88	Lancaster
9	Lee R. Hitz	146.30	94.20	195.50	145.33	Dauphin
10	Richard Burd	194.49	85.50	146.50	142.16	Fayette

*Three year award winner in 1990 or 1991- ineligible for award in 1992.

SHELLED GRAIN CLASS
-REGULAR HARVEST SIZE-

	NAME	ADDRESS	HYBRID	POPULATION	YIELD
1ST	Larry E. Meyer Lehigh County	RR 2, Alburtis Rd. Mertztown	Doebler's 73 XP	24858	214.1
2ND	Lloyd Zeak Berks County	RD 2 Oley	Pioneer 3293	25230	202.6
3RD	Albert Ferens Fayette County	RD 1 Dunbar	Supercross 5461	25763	198.7

-3 ACRE + HARVEST SIZE-

1ST	Clarence A. Keener, Jr. Lancaster County	1852 Junction Road Manheim	Pioneer 3245	26627	210.7
2ND	Richard C. Kreider Lebanon County	Prescott Road Lebanon	Pioneer 3394	26397	203.5
3RD	Richard Fetterman Columbia County	RR 2 Catawissa	Pioneer 3293	22293	195.5

EAR CORN CLASS
-HAND HARVEST-

1ST	Glenn Bros. Dairy Fulton County	Box 535 HCR 80 McConnellsburg	Pioneer 3140	21509	212.9
2ND	Warren Pilgram Mercer County	470 Fredonia Rd. Greenville	Pioneer 3527	27976	198.3
3RD	Herman Espy Huntingdon County	RD 1 Spruce Creek	Pioneer 3352	25013	190.3

-MACHINE HARVEST -

1ST	Kenneth Schlegel Berks County	RD 2 Fleetwood	Pioneer 3293	23470	191.2
2ND	Andrew Lucas Schuylkill County	RD 1 Zion Grove	Northrup King 6330	29469	166.8
3RD	J. Wilmer Horst Lancaster County	295 South Farmerville Ephrata	Eastland 7810	23359	165.4

(Turn to Page 18)

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Five Acre Results

(Continued from Page 17)

NOTE:
A CLUB MEMBER MAY RECIEVE ONLY ONE AWARD IN A GIVEN YEAR
A THREE YEAR CHAMPION IS NOT ELIGIBLE TO COMPETE FOR A TROPHY IN THE FOLLOWING YEAR
REGULAR HARVEST SIZE IS ANY AMOUNT LESS THAN 3 ACRES

1992 SHELLED CORN RANKINGS TO TENTH PLACE

HARVEST CLASS: SHELLED CORN
HARVEST SIZE: REGULAR

	Farmer	Bu/A	Plants/A	Hybrid	County
1	Larry E. Moyer, Brookview Farm	214.1	24858	Doebler's 73 XP	Lehigh
2	Lloyd Zook	202.6	25230	Pioneer 3293	Berks
3	Paul Lechner	199.6	24672	Pioneer 3293	Berks
4	Albert Ferens	198.7	25763	Supercrost 5461	Fayette
5	Floyd Kurtz	198.4	23348	Pioneer 3293	Berks
6	Clair Z. Zimmerman	197.2	23636	Pioneer 3293	Berks
7	Donald Lichtenwalner Farms	196.9	22355	Pioneer 3293	Lehigh
8	Ed Snook	191.8	23441	Pioneer 3293	Lycoming
9	Joseph L. Matejik	188.3	26232	Hytest 7728	Bucks
10	Newhard Farms	185.0	27878	Pioneer 3245	Lehigh
	Average	197.3	24761		

HARVEST CLASS: SHELLED CORN
HARVEST SIZE: LARGE SIZE

	Farmer	Bu/A	Plants/A	Hybrid	County
1	Clarence A. Keener, Jr.	210.7	27181	Pioneer 3245	Lancaster
2	Richard C. Kreider	203.5	28397	Pioneer 3394	Lebanon
3	Daryl L. Alger	203.4	27094	Pioneer 3293	Lebanon
4	Richard Fetterman	195.5	22293	Pioneer 3293	Columbia
5	Richard Burd	194.5	25013	Pioneer 3379	Fayette
6	Daryl L. Martin	191.2	23435	Pioneer 3293	Lancaster
7	Furman Farms Inc.	187.6	23600	Pioneer 3394	Northumberland
8	Focus Farms, c/o Duane Kling	185.3	28239	Pioneer 3293	Union
9	Lester C. Wingert	184.4	24419	Pioneer 3140	Franklin
10	Earl G. Martin	182.9	24742	Pioneer 3241	Lancaster
	Average	193.9	25241		

1992 EAR CORN RANKINGS TO TENTH PLACE

HARVEST CLASS: EAR CORN/HAND HARVEST
HARVEST SIZE: REGULAR

	Farmer	Bu/A	Plants/A	Hybrid	County
1	Glenn Bros. Dairy	212.9	21509	Pioneer 3140	Fulton
2	Lester M. Poust	200.4	26648	Pioneer 3394	Lycoming
3	Warren Pilgram	198.3	27976	Pioneer 3527	Mercer
4	Camp Espy Farms	190.3	25013	Pioneer 3352	Huntingdon
5	Burd W. Schantz	189.8	25826	Pioneer 3245	Berks
6	Sandy Ridge Farms	186.9	25795	Pioneer 3394	Clarion
7	David Schantz	186.0	27514	Pioneer 3358	Berks
8	Nelson Beam	185.3	21562	Pioneer 3245	Chester
9	Elvin Kurtz	179.5	26232	Pioneer 3295	Berks
10	Kendale Farm	177.8	26482	Pioneer 3293	Bradford
	Average	190.7	25456		

HARVEST CLASS: EAR CORN/MACHINE HARVEST
HARVEST SIZE: REGULAR

	Farmer	Bu/A	Plants/A	Hybrid	County
1	Kenneth Schlegel	191.2	23470	Pioneer 3293	Berks
2	Andrew Lucas	166.8	29489	NK 6330	Schuylkill
3	J. Wilmer Horst	165.4	23359	Eastland 7810	Lancaster
4	Myron Bonzo	164.4	23760	Pioneer 3527	Beaver
5	Gregory Kennis	118.5	19934	Pioneer 3540	Clearfield
	Average	161.2	23998		

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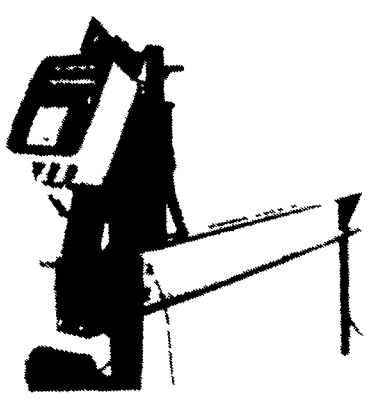

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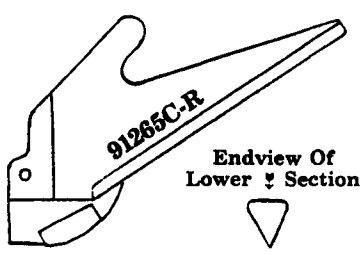

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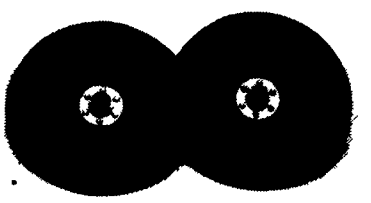

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I'M PICKING LOW RISK HYBRIDS FOR 1993

By Bill Camerer

I'm Bill Camerer, Doebler's research director. It took a ton of computer data to verify best low risk buys for 1993.

Here are my top picks for 1993 as advertised. But it wasn't easy. Competition was tough. And maybe I was too conservative. I looked for "low risk" hybrids, ones that are widely adapted and have shelled big year after year.

Some hybrids I named twice. As an early corn in late midseason country for instance and again as my early mid pick.

But also consider these risk reducers:

Plant at least four hybrids.

Limit acres of your first time hybrids to 15 or 20%.

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27XP -- Our earliest. Big healthy plant. Good stalks.

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DOEBLER 86XA-2, 122 days. 86XA relative, with great looks, stalks and yields. Deep yellow kernels, medium length ears. Top 15 average in 1990-92: 186.3 bu. 1992 best: 196.3 bu. at Cambridge, MD.

DOEBLER 66XP, 103 days. Our second best seller. Super vigor. Great standup. Amazing yields for maturity. Like top 15 average of 1990-92: 204.1 bu. 1992 best: 217.3 bu. in Lancaster county strip test.

DOEBLER 57XP, 97 days. Sturdy stalks. Fairly long ears with deep kernels. Top 15 average in 1989-91 of 183 bu. In 1991, 57XP shelled 210.5 at Jersey Shore, PA and 182.4 bu. at Sherburne, NY.

DOEBLER 45XP, 92 days. Fabulous yields for early corn. Top 15 average in 1989-91 of 172.2 bu. 1991 bests: 192.5 bu. in Rensselaer county, NY trial; 190.4 bu. at Madrid, NY. Great stalks.

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Penn State's Corn Research Results

Greg W. Roth
Department of
Agronomy
Penn State

Much has been happening in the area of corn production research at Penn State and some of our neighboring institutions. The purpose of this paper is to provide a brief overview of some of the results of this research that you may find useful in your operation.

This overview will focus on cultural practices and hybrid selection. The research areas that will be discussed will include silage yield and quality studies, corn/sorghum comparisons, tropical hybrid evaluation, plant population research, row cleaning devices, effect of cultural practices on rootworms, stability analyses, and corn maturity studies.

Silage Yield And Quality

For the past three years, we have been evaluating effect of hybrids, plant populations, and harvest date on silage yield and quality. Our hybrid studies have focused on determining whether or not some widely grown hybrids vary in silage quality as much as some reports have indicated in the literature. Also, we wanted to evaluate how consistent these differences were over a wide range of locations, because corn silage is produced under a wide range of conditions in Pennsylvania, unlike some other areas.

We used nine hybrids and grew them in four different tests in 1990 and 1991. We found that hybrids did vary for quality, but not that much. Variations in digestibility and protein were greatest. Digestibility differences ranged up to 1.8 percent and protein differences ranged up to 0.5 percent. The variation in ADF and NDF was not significant between hybrids when averaged over locations. On a percentage basis, yield varied much more than quality. We conclude that yield differences are most important and should concentrate on better testing for silage yield. Quality differences exist, but there appears to be some uncertainty about what to measure. Our data suggests that digestibility measurements may discriminate between hybrids better than traditional quality measurements like ADF and NDF.

Comparisons of different populations and harvest dates have indicated that silage were maximized near populations of 25,000 plants per acre with population having little effect on quality. Our harvest date studies have shown that for harvesting for silage in the 63-68 percent moisture range, harvest should occur between full dent and half milk in the kernel. We have found that maximum yields are obtained near half milk. Waiting to harvest silage until black layer results in silage that is too dry and increases the risk of molds in the silage.

Corn/Sorghum Comparisons

We have been evaluating grain and forage sorghums as potential replacements for corn in areas with drought stress potential and deer damage potential. To date we have conducted five side-by-side comparisons. The sorghums are more drought tolerant and also resist damage from deer.

In three of the strip trials, the deer ate the corn right to the ground. In two others, the damage to the corn was more typical with most of the ears removed. Results of a typical trial are shown in Table 1.

Table 1. Performance of forage sorghum, grain sorghum and three corn varieties grown under moderately heavy deer pressure in Centre County in 1991.

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Species/variety	19C Yield T/A	Moisture %	ADF %
Forage sorghum, Pioneer 947	11.01	61.8	35.1	64.6
Grain sorghum, Pioneer 8333	6.28	78.5	25.4	72.3
Corn/Doebler's 45X	4.65	42.9	36.5	61.3
Corn/Cargill SX 269	4.71	65.2	37.5	60.6
Corn/Doebler's 75X	5.30	68.3	33.0	63.7

Based on the results of these trials, I conclude that forage sorghum is a good alternative under these situations. Early, medium height forage sorghums that set a lot of grain appear to be a good choice for many of these situations. They resist deer damage even better than the grain sorghums, have low risk of lodging, produce good silage yields of reasonably good quality, mature before frost — reducing the risk of prussic acid and give the grower the option to harvest for grain.

Tropical Hybrid Evaluations

Interest in the success of using these hybrids as double crop alternatives in the South. There, agronomists have found that some tropical hybrids do exceptionally well when planted late, when normal corn is often devastated by fall armyworm. Locally, some growers have been attracted to these because of their height and seemingly large silage yield potential. In 1992 we compared the yield potential of a normal corn hybrid, a tropical hybrid corn and an open pollinated silage corn in three growing environments. As expected the tropical and the open pollinated were tall and late. The open pollinated was also prone to lodging, but the tropical hybrid stood well, even though it was twelve feet tall. The tropical hybrid was susceptible to smut and had poor early season growth. Yields of both the open pollinated and the tropical were less than the normal silage corn (Table 2).

Based on the results of these experiments, tropical and open pollinated silage corns do not appear to be competitive with top performing conventional hybrid corns.

Table 2. Yield and harvest date of a normal hybrid, tropical hybrid and open pollinated silage variety in three environments in 1992

Corn	Yield	Harvest	Yield	Harvest	Yield	Harvest
Normal	21.0	9.16	14.9 a	10/20	19.7 a	10/5
Tropical	19.5 ab	10/20	11.1 b	10/20	17.4 ab	10/12
Open poll.	17.7 a	9/29			14.0 b	10/12

Yields within a column followed by the same letter are not significantly different.*Double crop corn was planted July 1.Plant population research

Population research programs are currently under way at Cornell, Ohio State, and Wisconsin. The Cornell program is far enough along so that recommendations are being revised. They are suggesting plant populations up to 28,000 ppa where corn is grown for grain on good soils. They suggest up to 30,000 plants on good soils for silage. For less productive soils, plant populations should be reduced.

In the Ohio State research, populations, N rates, and hybrids are being compared. There, corn yields respond only when moisture was adequate and the full recommendation of N was applied. This occurred in one of three studies. A recent Univ. of Wisconsin study com-

(Turn to Page 21)

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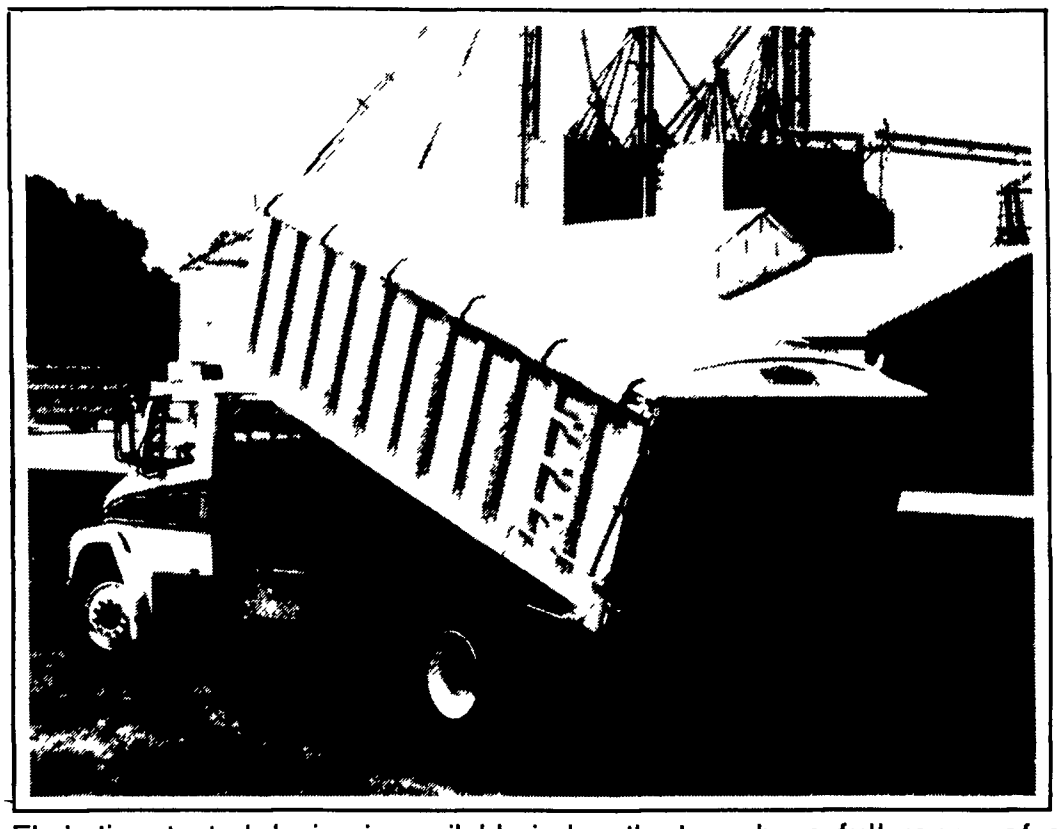

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Corn Research Results

(Continued from Page 20)

pared the response to population of hybrids characterized by seedsmen as flex, fixed ear or prolific. The results of these studies indicates there was little relationship between a hybrids classification and its yield response to increasing the population from 18,000 and 28,000. Also this study showed that population responses are quite variable and vary from site to site and hybrid to hybrid.

Population studies are underway here at Penn State and the results will be shared as they come available.

Row Cleaning Devices

Row cleaning devices are design to remove some of the trash or crop residue from the row to enhance emergence and early season plant growth. A number of options are available. Among them are the Dawn Trashwheel, Acra Trashwhippers, Rawson coulters, and fluted coulters.

Research done with row cleaning devices has been published from the Univ. of Kentucky and the Univ. of Guelph, in Ontario. Kentucky researchers found that residue removal increased yields in one of three years. They concluded that row cleaning would be most beneficial on cool wet soils in springs with plenty of sunshine.

Canadian researchers used the row cleaners to plant into rye cover crops. They found consistent beneficial effects of the row cleaners under these conditions. They attributed this benefit in part to reducing the allelopathic effects of the rye.

We began our research this year with several row cleaning options. Preliminary results indicate some potential to improve plant populations by up to 3,000 ppa with some of the devices and increase soil temperatures by 2-3 degrees F. It's too early too tell what the potential of these will be, but they may be able to help improve no-till success on off-drained soils or in high residue conditions.

Cultural Practices And Corn Rootworms

Corn rootworms have become quite severe in some pockets of the state recently. Because of this, one has to ask the question — are we doing something to receive this special treatment from this pest? When we think of some of the practices that we often recommend such as early planting, no-tillage, and sidedress N fertilizer they all have one thing in common — the potential for slow plant growth in the spring.

We were concerned that perhaps some growers may be setting themselves up for severe damage with these management practices. Two years ago, we initiated a research project to study how these cultural practices influence the damage from western corn rootworm larvae. Our results to date indicate little effect of any of these practices on rootworm damage.

In fact, one comparison has indicated that damage in 1992 was actually less where we planted early. Here, the plants had apparently had chance to develop a vigorous root system before the rootworm larva emerged. This finding contradicts the concept that early planted corn is more at risk because of reduced insecticide availability.

The effects of a soil insecticide on reducing damage in this continuous corn have been much greater than any of the other factors in the study. This study is slated to be continued for another year.

Stability Analyses

One technique that has been used to characterize the response of hybrids to stress is something called stability analysis.

To measure the stability of a hybrid, the hybrid yield from a number of trials is plotted against the average yield of those trials. Some hybrids may increase yields faster than average, while others may perform better at lower yielding sites.

Stability analyses could be used to place hybrids better. I recently used this approach to look at some hybrids that were entered in our testing program. I used some data from 1985, when we had 15 locations of data for our zone 1 trial. The yields of the two top yielding hybrids in the trial were plotted against the test average yields.. This plot clearly showed that one of the hybrids won all of the comaprisons in the low yield environments and the other won all of the comparisons from high yield environments.

Data from groups of industry strip trials could be used for this type of analysis to determine hybrid stability. These would be best if only hybrids common to all trials were used to determine the test average yields. This research confirms that growers should consider stress tolerance characteristics of hybrids in placing hybrids on different fields around the farm.

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Corn Maturity Studies

This year we have begun a new project to evaluate Growing Degree Day requirements of corn in Pennsylvania. This is a followup on some data that two students have worked on that shows that often corn hybrids in Pennsylvania require fewer GDD's to black layer than seed companies report in their literature. Our information shows that in the State College area, we grow hybrids that are rated at 2600-2700 GDD's and the often require only 2300 GDD's to harvest. These hybrids are frequently planted late into May and often have little problem maturing (except in 1992). We are interested in determining actual GDD requirements of these hybrids so that we can better predict how far we can push maturity in many areas of the state. We have excellent long-term weather information from across the state that can be used as a resource in this problem.

Summary

These studies represent only part of the corn research at Penn State. Sizeable programs are continuing in rotations, weed control, soil fertility, physiology and breeding for disease resistance. Because of space constraints, only the highlights of the studies discussed in this report could be mentioned.

Test For Mycotoxins

Richard Adams
PSU Extesnion

STATE COLLEGE (Centre Co.) — Mold problems with this year's corn crop are widespread due to the cool, wet growing season and havesting problems.

Both whole-plant corn silage and corn grain are involved. Production or weight gain problems in livestock steam largely from the degree of mold present.

Mycotoxins also may be involved in some performance and health problems when feed is obviously moldy. However, mycotoxins also may be present when very little or no obvious mold is seen.

Moderate reductions in milk production or growth from feeding moldy grain or forages often result from depressions in the digestibility and palatability of moldy feed.

More drastic reductions in performance of 15 percent to 25 percent or more within a few days to a few weeks may signal a potential problem with mycotoxins.

This is especailly true when health problems are present, such as a marked drop in feed intake, acetonemia or ketosis, increased incidence of displaced abomasum, hemorrhaging, diarrhea, and signs of liver or kidney problems.

Black mold, which is a major type seen in some of this year's crop, seldom produces mycotoxins, but may appreciably reduce performance.

Mold of other colors, when present in any amount, are more likely to produce mycotoxins.

Testing for mycotoxins should be considered when otherwise unexplained and serious reductions in performance occur, especially when accompanied by related symptoms.

Quick tests using immuno-assay or TLC methods may be employed for initial screening.

Tests should include both aflatoxin and Fusarium mycotoxins such as DON, DAS, zearalenone, and possibly others. Such quick tests often cost $10-$50 each and are available from some feed concerns, feed testing laboratories, and veterinarians.

Preferably, frozen duplicates of samples with a positive quick test should be sent for more quantitative or confirmatory testing using HPLC or gas chromatography.

While corn is most suspect this year, remember that all feeds used on a farm — including finished concentrates and especially forages — may contain mycotoxins. Therefore, other feeds also should be tested to see if they are the source of the mycotoxin or are contributing one or more mycotoxins to the problem.

Black or ultraviolet light scans are only presumptive, since many false positives and negatives may occur.

It is important to take representative samples. It is best to take and freeze a composite of each of three to five feedings. Then combine these and mix well before making a final composite for submission.

Keep a frozen duplicate for conformatory testing (requires a longer processing period) in case a positive quick test is obtained, or submit it at the same time as the initial test.

Send about one pound of dried feed, core samples from at least 12 bales of hay, or two pounds of wet feeds such as silages, haylages or wet brewers grains.

Place frozen samples in insulated bags containing frozen cold packs. Hand deliver the

(Turn to Page 26)

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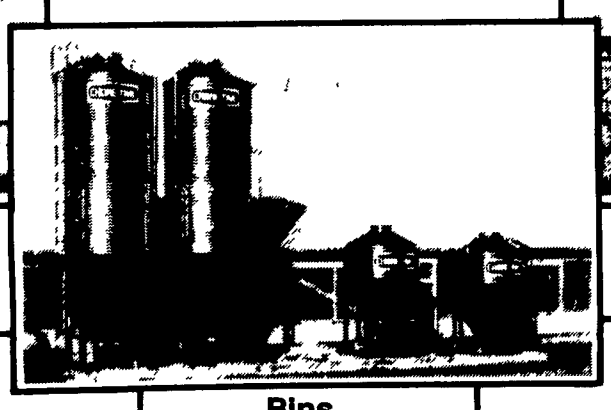

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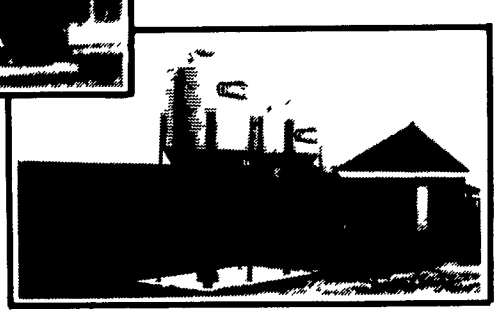

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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Analyze Corn Silage

A. J. Heinrichs
V. A. Ishler
Dairy and
Animal Science
Extension

Unusual weather conditions last summer and fall have left many producers with a forage crop that is anything but normal or consistent. Some dairy producers feeding a ration high in corn silage are experiencing lower than expected milk production than in previous years. Lower than normal crude protein values, along with highly variable fiber values, were observed early this fall.

Based on data obtained from the Northeast DHIA lab, there also appeared to be a tendency for lower than expected soluble protein and degradable protein values in corn silage. For these reasons, Penn State investigated soluble and degradable protein fractions, in addition to total crude protein, acid detergent fiber (ADF), and neutral detergent fiber (NDF) in Pennsylvania corn silage samples.

Thirty-three corn silage samples were collected from southeast, northeast, northwest, and central Pennsylvania. Investigators attempted to collect samples that showed some of the variation found among farms this fall.

Moisture contents were typical of most years, ranging from 60 percent to 70 percent. The average soluble protein was similar to values found by the Northeast DHIA lab last year, yet 10 percent lower than what is considered normal when comparing the analysis to Penn StateUs Feeds Library values (40.6 versus 50 percent of the crude protein), as shown in Tables 1 and 2.

It is important to note that we found a tremendous amount of variation in the soluble protein values ranged from 15.6 percent to 53.7 percent soluble protein. This emphasizes the need for including soluble protein when testing corn silage.

Degradable protein was fairly consistent among samples and close to the expected normal range of 70 to 75 percent of the crude protein as seen on both NEDHIA and NRC tables. While crude protein, ADF, and NDF fell within normally expected levels, samples again varied widely. Fifty-five percent of the samples had less than eight percent crude protein, and NDF ranged from a low of 42 percent to a high of 67 percent.

The bottom line is that it is more imperative than ever to sample and test corn silage made in 1992 for all nutrients normally analyzed, including the protein fractions.

Ration balancing and attention to corn silage quality, with emphasis on soluble and degradable protein fractions, will be extremely important this year in maintaining normal to high milk production. If average corn silage energy values are being used in ration programming, they should be discounted by at least five percent because of the immature grain content.

Producers feeding large amounts of corn silage with low protein solubility values should consider including ingredients to increase protein solubility. Soluble protein should be at least 28 percent of the crude protein in the total ration dry matter, with the optimum range being between 30 and 34 percent.

Table 1. Expected nutrient content of corn silage.

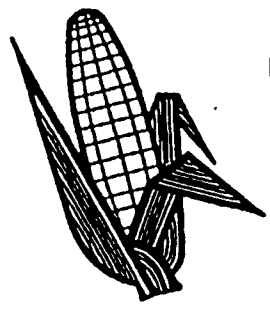
	Crude protein	Soluble protein	Degradable protein	ADF	NDF
Corn silage NRC	8.1	50*	69.0	28	51.0
Corn silage NEDHIA	8.6	42	70.5	28	47.7
Standard Deviation	1.4	10	11	4.8	6.4

* Expected soluble protein level is based on The Pennsylvania State University Feeds Library.

Table 2. Corn silage results from all regions in Pennsylvania December 1992.

	Average	Std. Dev**	Low	High
Crude protein	8.3	1.5	5.9	12.2
Soluble protein	40.6	7.9	15.6	53.7
Degradable protein	75.7	4.0	65.9	80.8
ADF	29.1	4.8	21.3	43.5
NDF	52.2	5.7	42.0	67.4

**Std. Dev = standard deviation



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Corn Mold Update

by
Kenneth B. Kephart

Penn State Extension Swine Specialist

Every producer by now is aware of the problems we been experiencing with this year's corn crop.

According to Penn State agronomist Greg Roth, the cool summer we had occurs only once every 30 years. That slowed the maturation of the corn plant, so that when the killing frosts hit, a lot of moisture was left in the kernels.

Grain dry-down this fall averaged about 1 percent per week, compared to 3.5 percent per week in a normal year, Roth says.

Those facts seem to be pretty well understood, but producers are still searching for solutions amidst some messages that seem a bit confusing. Since I wrote on this subject in December, we have a better handle on how serious the problem is, and it's also apparent that some laboratories are better than others when it comes to mycotoxin analysis.

What Problems Have We Seen? Low test weight grains

The cool conditions we had this summer, or hot and dry conditions lead to grains with a low test weight (low bushel weight) for grain.

While low test-weight grains often have normal or higher protein contents, they're usually lower in energy. If the drop in energy density is not extreme, low test weights will not change growth rate, but feed efficiency will be impaired.

Data from Central Soya Research shows that for each pound decrease in bushel weight, metabolizable energy will drop by 5-10 kcal/pound. For example, a 50-pound bushel weight for corn (vs. a normal weight of 56 pounds) would contain about 1,513 kcal/pound (vs. a normal ME value of 1,555 kcal/pound). Pigs consuming a diet with this light-test corn would grow 2-3 percent less efficiently.

Studies at Kansas State University show pigs fed sorghum with very low test weights (35-45 pound vs. a normal of 55 pounds) will grow slower and less efficiently. In those studies, researchers observed a 5-7 percent reduction in growth rate and a 7-12 percent reduction in feed efficiency. These observations fit the predictions by the Central Soya Research.

When feeding suspect grains, check bushel weights and protein contents. If these two values are normal, hog performance should not change.

Damaged kernels

Corn that contains more than 35-40 percent moisture may break apart as it goes through the harvesting and drying process. The fines that result are open for mold infection, and should not be fed to pigs. Fines under normal conditions may pose minimal risk even for pigs, but this year they should be unconditionally avoided.

Laboratory Tests Blacklight

Some feed mills use a "blacklight" as a screening method for mold problems. Shining an ultraviolet light (wavelength of 365 nm) on a sample of corn will sometimes cause kernels to glow bright green-yellow. If one or more kernels fluoresce in a 10-pound sample, most mills will consider the sample positive for aflatoxin.

Actually, the fluorescence is due to compound, kojic acid, that is produced by the Aspergillus mold (which also produces aflatoxin). Using the blacklight alone will produce both false positives and false negatives.

Enzyme-linked Immunosorbent Assay

This process, called ELISA, is the concept behind the rapid test kits that some producers and many feed mills use. With ELISA, an antibody in the kit reacts with a specific mycotoxin.

This reaction is often converted to a color change in the solution, which tells the user whether the sample is positive or negative for the mycotoxin in question.

The advantage is that the ELISA test is quick. The disadvantage is that the antibody in the kit occasionally reacts with something besides the mycotoxin, which creates a false positive reading.

Many researchers recommend that ELISA tests be followed with other procedures wherein cross reactions are not a problem. This is especially true for dirty samples or products of fermentation (silages).

Chromatography

This is simply a means of separating and identifying a mixture of compounds. You will hear it by different names — thin layer chromatography (TLC), gas liquid chromatography (GLC), or high pressure liquid chromatography (HPLC), to name a few. The soup in question is introduced at one end of the system (often a "column" or tube), and the components in the soup emerge from the other end at different times.

Chromatography is often expensive, but as long as it's run properly, it's more foolproof than Elisa. It can be used to accurately identify mycotoxins (qualitative) and measure the amount of mycotoxins (quantitative).

Lab Test Results From This Year's Crop

I recently spoke with Paul Nelson, professor of plant pathology and head of the Fusarium Research Center at

(Turn to Page 26)

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

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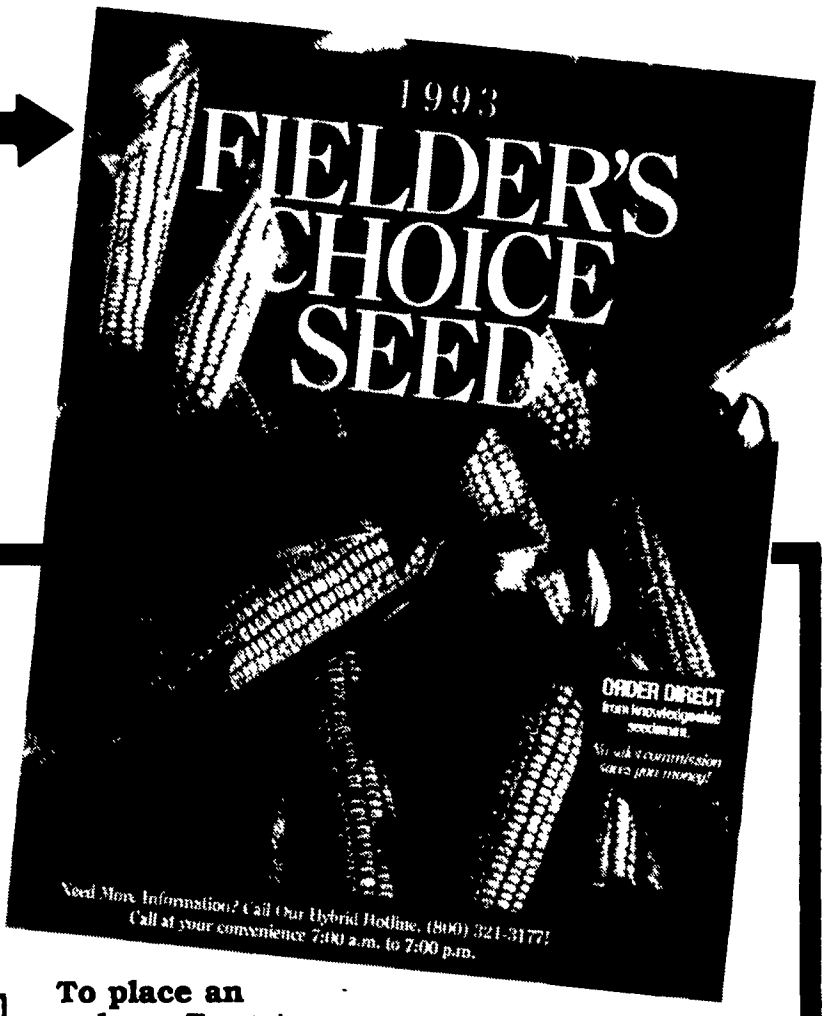
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Corn Mold

(Continued from Page 23)

Penn State.

According to Dr. Nelson, who is nationally recognized for his work with molds and mycotoxins, conditions this year have been good for the production of vomitoxin (DON) and zearalenone. Fumonison and T-2, two other Fusarium mycotoxins, have not been a problem. Neither has aflatoxin, which is more common under hot, dry conditions.

To find out what sort of test results are showing up, I also contacted several laboratories: Summerdale Laboratory (Summerdale, Pa.), Myers Analytical Laboratory (Littlestown, Pa.), Lancaster Laboratory (Leola, Pa.), Skyview Laboratories (Somerset, Pa), Eastern Laboratories (York, Pa.), and Romer Laboratories (Union, Mo.).

Summerdale labs, which is administered by the Bureau of Animal Industry, has been running 45-50 corn samples per month this fall. They do an ELISA screen and follow that with HPLC or GLC for quantitative measurement. More than half of the feed and grain samples run since July have been positive for mycotoxins, and of those, nearly 80 percent have contained vomitoxin. Very little aflatoxin has been found. An occasional sample will contain T-2 or zearalenone. So these results match Dr. Nelson's comments almost exactly.

Of the remaining laboratories, two reported results similar to that of Summerdale, with vomitoxin accounting for most of the positive tests. Two other labs have done little mycotoxin testing, although they have the capability. And one laboratory has found little or no vomitoxin, but lots of aflatoxin — results that are questionable at best.

What To Do If You Have Mycotoxin Contamination

1. For aflatoxin, one decontamination method I'm aware of is ammoniation. Since this requires special equipment and a healthy investment, it's not practical for most producers.

2. A relatively new feed additive, Nova-Sil, has been effective in reducing the harmful effects of aflatoxin. Nova-Sil is an aluminosilicate that was developed as a flow agent to reduce caking in feed. It also has the effect of absorbing aflatoxin when added at the rate of 10 pounds per ton. The cost is about $.25 per pound. In experiments with young pigs, it almost completely reversed the effects of aflatoxin. Unfortunately it provides only a marginal response against vomitoxin and zearalenone.

3. Raising the selenium levels to 2.5 ppm (which is 8 times the legal level) may also help reduce the effects of aflatoxin. Because the maximum allowable addition of selenium is .3 ppm, I do not recommend feeding 2.5 ppm.

4. Anitox Vana and ammonium carbonate are claimed to reduce the harmful effects of vomitoxin. However, research from Canada shows little effect of either of these materials.

5. Commercial mold inhibitors and organic acids (fumaric, citric, propionic, acetic) do inhibit mold growth in feed. However, when mycotoxins are a problem, they're usually in the corn before it's ground and

(Turn to Page 27)

Test For Mycotoxins

(Continued from Page 21)

samples or mail them overnight to the laboratory.

Don't mail on Fridays or weekends to most laboratories.

Quantitative or confirmatory tests may cost from $75 to $150 each, at some laboratories.

They are available at a modest charge at the State Dignostic Laboratory, P.O. Box 367, Summerdale, PA 17903-0367 (telephone 717-787-8808). A processing period of seven to 14 days or more may be necessary for confirmatory mycotoxin testing.

Usually 20 percent to 40 percent of the suspected feeds tested for mycotoxins may test positive.

Some laboratories are reporting as high as 80 percent to 90 percent positives, mainly Fusarium toxins this winter.

Some of these positive feeds can be used at reduced levels for some animals or may be sufficiently low to not be indicated in animal problems.

Interpretation of tests and diagnosis is hampered by many factors, including a lack of specific tests for many of the mycotoxins known to exist, few hard data on harmful levels, possible additive effects from several mycotoxins being present at low levels, and the minute amounts of mycotoxins that may be present in only part of the supply of a particular feed.

Use the guidelines available on PENpages (contact Extension) and elsewhere in interpreting test data.

Effects on performance and related health symptoms must be considered, as well as levels and types of mycotoxins found.

Feeds with over 20-40 ppb aflatoxin should be considered highly suspect for young animals, and those with over 100 ppb on a dry matter basis for older animals.

Those containing over 1.0-1.5 ppm of other mycotoxins should be highly suspect of harmful involvement.

Moldy feeds or those with the above or higher levels of mycotoxins should be at least temporarily discontinued when their use is accompanied by marked performance reduction or related health symptoms that are otherwise unexplained.

If moderate performance effects are noted without health symptoms, reduce the level of positive or suspected feeds with mold present.

Removal or appreciable reductions in suspected feeds should result in considerable improvement within three to seven days in many cases.

Mycotoxin levels indicated here are referred to on a dry matter basis. Often laboratory results are given on an as fed or as received basis. Thus, it is important to know how reports are given and express them on a dry matter basis for interpretation.

Levels of aflatoxin in the total ration dry matter should be limited to 20-40 ppb for milk cows. A longer recovery period may be needed for animals with considerable liver or kidney involvement

Aluminosilicates and some bentonites may be fed to partially reduce harmful effects and levels of aflatoxins in the milk.

Good News Travels Fast

The 1992 Penn State Commercial Hybrid Evaluations Are In And DEKALB'S NEW Hybrids Are Ahead Of The Pack.

Zone 1 Short Season*:

	Yield	DEKALB Bushel Advantage
NEW DK512	**161.5**	
NEW DK522	**165.1**	
DK524	**159.0**	
Average	**161.9**	
Pioneer 3751	134.7	27.2
Funks G4106	135.4	
G4231	114.9	
G4292	116.7	
Average	122.3	39.6
Doeblers 48XE	132.4	
49XP	128.1	
Average	130.3	31.6

Zone 2 Late-Medium Season* Two Year Performance

	Yield	DEKALB Bushel Advantage
DEKALB DK646	**142.4**	
Doeblers 66XP	128.8	13.6
73XP	138.0	4.4
69XP	123.1	19.3
75X	125.8	16.6
Funks 4530	130.9	11.5
4543	130.7	11.7
Pioneer 3527	124.0	18.4
3394	130.0	12.4
3295	132.7	9.7
3293	135.1	7.3
3241	134.0	8.4

SILAGE ENTRIES
Silage Performance Of Late Season Hybrids

	Yield T/A	Dry Matter T/A
DEKALB DK743	**24.6**	**8.6**
Pioneer 3154	24.3	8.5
Hytest HTX7748	24.2	8.4
Northrup King N8727	23.0	8.1
Pioneer 3192	23.2	8.1
Prairie Stream SX556	22.8	8.0
NC+ 7507	22.7	8.0
Doeblers 87XP	22.3	7.8
Pioneer 3241	22.4	7.8
Asgrow RX899	22.2	7.8
Hardy HB6345	22.1	7.7
Pioneer 3140	21.5	7.5
Hardy HB6334	21.4	7.5
Pioneer 3245	21.1	7.4
Doeblers 82XP	21.2	7.4
NC252 X FA879	21.2	7.4
Pioneer 3293	21.0	7.4
Doeblers 86XA-2	20.8	7.3
Prairie Stream SX2023	20.6	7.2
Muncy Chief XA7790	20.5	7.2
Doeblers 944-3	20.2	7.1
Prairie Stream SX704	19.9	6.9
Wetsel S120	19.3	6.8
Eastland E886	18.7	6.5
Muncy Chief XA777	16.3	5.7

*** For Complete Information Contact Penn State Agronomy Dept.**

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Corn Mold

(Continued from Page 26)

mixed. Under those conditions, the mold inhibitors will not alleviate the mycotoxin problems already present.

6. Heating, roasting, and pelleting have been claimed to kill molds. If mold is present and the temperature is high enough, the molds will be destroyed. But many of the mycotoxins are heat stable and may not be affected during the heat process.

7. Dilution with non-contaminated grain is a good bet if mycotoxin levels aren't too high. For example. vomitoxin levels in your corn might be 50 ppm. If you reduce that corn from 1,00 to 200 pounds per ton, you would still have 4 ppm in the feed — high enough to hurt performance.

8. Consider having the grain cleaned to eliminate the fines and foreign material. Often, the mycotoxins will be contained in these components. For some producers, it may be tempting to buy "screenings" from feed and flour mills since the price is attractive. But if the grain was cleaned after a hot and dry, or excessively wet growing season, the screenings probably contain mycotoxins and should not be fed to hogs.

9. Adding 300-pound alfalfa per ton may help to counteract the effects of Zearalenone — however, the research here is not consistent. Some practitioners also recommend increasing protein levels by two percentage points and increasing vitamin supplementation by 10 percent.

10. If at all possible, avoid feeding the contaminated grain to sows. Aborted litters are expensive.

SUMMARY

Hot and dry weather, and cool, wet weather can lead to mold growth in grains.

If test weights and protein levels from grains grown under these conditions are normal, then the grain may be OK. If a chemical test shows the grains are negative for mycotoxins, then it's even a safer bet that the grain is usable.

But you can never be sure until you feed it. If you see any of the following symptoms in your pigs, be suspicious of mycotoxin poisoning.

- Feed refusal
- Swollen vulvas
- Prolapsed rectums or vaginas
- Convulsions
- Death
- General reduction in performance.

Feed Additives

R. S. Adams
Dairy and
Animal Science
Extension

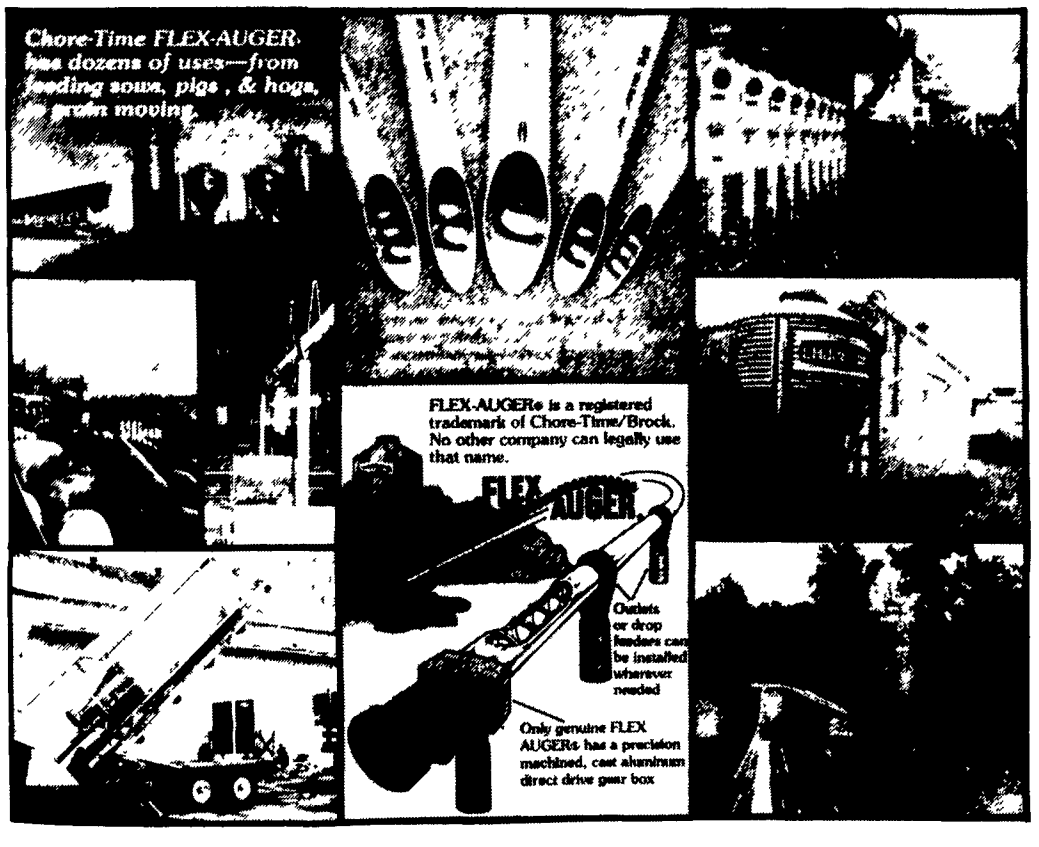
There is appreciable evidence that feeding hydrated sodium and calcium aluminosilicate such as Novasil may partially reduce the adverse effects of aflatoxin in the diet and levels of aflatoxin found in the milk of animals fed contaminated feed.

Depending upon the level of mycotoxin in the total diet dry matter, the aluminosilcate may not reduce aflatoxin in milk to legal maximum levels for human use. Apparently aluminosilicates absorb the aflatoxin and increase its excretion via the digestive tract. Sodium or calcium bentonite also has been shown to reduce effects of aflatoxin on health and performance.

Unfortunately, there is of yet little research evidence which indicates that aluminosilicates or bentonite are effective in reducing effects of other mycotoxins upon animal performance or health. Therefore, you should not depend on these additives to alleviate problems with other mycotoxins, especially those produced by Fusariums, which are apparently more prevalent under Northeastern conditions and more likely involved than aflatoxin in performance and health problems.

Effective levels of aluminosilicates and bentonite range from .5 percent to 1.0 percent of the total ration dry matter. The lower level of .5 percent has been of value with aflatoxicosis in swine, while 1.0 percent has reduced aflatoxin in milk by 25 percent to 44 percent in some research.

Since no harmful effects have been noted at these intakes, these fairly inexpensive ingredients could be included even in diets with appreciable mycotoxins other than aflatoxin present. However, their use should not negate the probable need to reduce levels of contaminated feed in the diet, or at least temporarily discontinue feeding items with appreciable mycotoxin or mold content to alleviate problems or ascertain whether they are involved with them. When effective, changes in ration level of mycotoxins and/or use of feed additives may result in marked improvement within as little as three to seven days.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MIKE BUCKWALTER
Maytown, PA Harvested Nov. 9, 1992

Variety	Bu/Acre 15.5%
CHEMGRO X312	171.7
CHEMGRO 7793	171.0
CHEMGRO 6988	168.7
Pioneer 3293	168.6
Pioneer 3241	167.5
CHEMGRO 7793	162.9
CHEMGRO 7386	156.1
CHEMGRO 7692	155.7
CHEMGRO 7191	155.2
Pioneer 3293	152.1
CHEMGRO 7392	150.6
CHEMGRO 7888	138.7

LEON MUSSER
Manheim, Pa. Harvester Oct. 30, 1992

Variety	Bu/Acre 15.5%
CHEMGRO 7392	208.0
CHEMGRO 7692	203.8
Hardy 6334	197.0
CHEMGRO 7793	195.8
CHEMGRO X316	192.8
CHEMGRO 6988	189.5
Funks 4624	188.7
CHEMGRO 7888	186.5
CHEMGRO 7191	185.5
CHEMGRO 7386	180.5

PAUL B. MARTIN
Kutztown, PA Harvested Oct. 20, 1992

Variety	Bu/Acre 15.5%
CHEMGRO 7392	198.4
Pioneer 3293	193.8
CHEMGRO 7793	191.5
CHEMGRO 7793	189.9
CHEMGRO 7191	188.6
Pioneer 3245	184.2
CHEMGRO 7692	182.0
CHEMGRO 6988	177.7
CHEMGRO 7386	176.9
Doeblers 84XP	174.6
CHEMGRO 7888	174.1
Doeblers 86XA-2	164.6

DAVID FREY
Lancaster, PA Harvested Nov. 9, 1992

Variety	Bu/Acre 15.5%
CHEMGRO 7191	187.0
CHEMGRO 7692	176.9
CHEMGRO 7392	176.6
CHEMGRO X316	172.0
CHEMGRO 6988	171.0
CHEMGRO 7793	170.7
CHEMGRO 7888	167.2
Hardy 6334	165.1
Gutwein 2751	159.9
CHEMGRO 7386	150.9

PHARES NEWSWANGER
Newmanstown, PA Harvested Oct. 26, 1992

Variety	Bu/Acre 15.5%
CHEMGRO 7392	181.2
CHEMGRO 7793	172.3
CHEMGRO X316	166.9
Doeblers 75X2	164.0
CHEMGRO 7692	165.5
CHEMGRO 7191	159.7
CHEMGRO 7386	155.3
CHEMGRO 7888	155.1
CHEMGRO 6988	153 6
CFS W7877	135.7

LEROY E. HOWARD
Oley, PA Harvested Oct. 21, 1992

Variety	Bu/Acre 15.5%
CHEMGRO 6988	161.1
CHEMGRO 7191	160.1
CHEMGRO X316	159.5
CHEMGRO 7392	154.9
CHEMGRO 7386	153 9
CHEMGRO 7793	148 5
Pioneer 3293	148.3
CHEMGRO 7692	148.1
CHEMGRO 7888	146.0
Pioneer 3241	144.5
Funks 4672	130 1
Pioneer 3394	123.7

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Moldy Feed And Mycotoxin

R. S. Adams
Dairy and
Animal Science
Extension

Mold problems with this year's corn crop are widespread in some areas because of the cool, wet growing season and harvesting problems. Both whole-plant corn silage and corn grain are involved.

Some production or weight gain problems in livestock stem largely from the degree of mold present. Mold poisons or mycotoxins also may be involved in some performance and health problems when feed is obviously moldy. However, mycotoxins also may be present when very little or no obvious mold is seen.

Moderate reductions in milk production, growth, or gains from feeding moldy grain or forages often result from depressions in the digestibility and palatability of moldy feed. More drastic reductions in performance of 15 percent to 25 percent or more within a few days to a few weeks may signal a potential problem with mycotoxins. This is especially true when health problems are present, such as a marked drop in feed intake, acetonemia or ketosis, increased incidence of displaced abomasum, hemorrhaging, diarrhea, and signs of liver or kidney problems.

Black mold, which is a major type seen in some of this year's crop, seldom produces mycotoxins, but may appreciably reduce performance. Mold of other colors, when present in any amount, are more likely to produce mycotoxins.

Testing for mycotoxins should be considered when otherwise unexplained and serious reductions in performance occur, especially when accompanied by possibly related symptoms. Quick tests using immumo-assay or TLC methods may be employed for initial screening. Tests should include both aflatoxin and Fusarium mycotoxins such as DON, DAS, zearalenone, and possibly others. Such quick tests often cost $10-$50 each and are available from some feed concerns, feed testing laboratories, and veterinarians.

Preferably, frozen duplicates of samples with a positive quick test should be sent for more quantitative or confirmatory testing using HPLC or gas chromatography.

While corn is most suspect this year, remember that all feeds used on a farm including finished concentrates and especially forages may contain mycotoxins. Therefore, other feeds also should be tested to see if they are the source of the mycotoxin or are contributing one or more mycotoxins to the problem. Black or ultraviolet light scans are only presumptive, since many false positives and negatives may occur.

It is important to take representative samples. It is best to take and freeze a composite of each of three to five feedings. Then combine these and mix well before making a final composite for submission. Keep a frozen duplicate for confirmatory testing (requires a longer processing period) in case a positive quick test is obtained, or submit it at the same time as the initial test. Send about one pound of dried feed, core samples from at least 12 bales of hay, or two pounds of wet feeds such as silages, haylages or wet brewer's grains. Place frozen samples in insulated bags containing frozen cold packs. Hand deliver the samples or mail them overnight to the laboratory. Don't mail on Fridays or weekends to most laboratories.

More quantitative or confirmatory tests may cost $75-$150 each at some laboratories. They are available at a modest charge at the State Diagnostic Laboratory, P.O. Box 367, Summerdale, PA 17903-0367 (717) 787-8808. A processing period of seven to 14 days or more may be necessary for confirmatory mycotoxin testing at some laboratories.

Usually 20 percent to 40 percent of the suspected feeds tested for mycotoxins may test positive. Some laboratories are reporting as high as 80 percent to 90 percent positives, mainly Fusarium toxins this winter.

Some of these positive feeds can be used at reduced levels for some animals or may be sufficiently low to not be indicated in animal problems. Interpretation of tests and diagnosis is hampered by many factors, including a lack of specific tests for many of the mycotoxins known to exist, few hard data on harmful levels, possible additive effects from several mycotoxins being present at low levels, and the minute amounts of mycotoxins that may be present in only part of the supply of a particular feed.

Use the guidelines available on penpages and elsewhere in interpreting test data. Effects on performance and related health symptoms must be considered, as well as levels and types of mycotoxins found.

Feeds with more than 20-40 ppb aflatoxin should be considered highly suspect for young animals, and those with more than 100 ppb on a dry matter basis for older animals. Those containing over 1.0-1.5 ppm of other mycotoxins should be highly suspect of harmful involvement. Moldy feeds or those with the above or higher levels of mycotoxins should be at least temporarily discontinued when their use is accompanied by marked performance reduction or related health symptoms that are otherwise unexplained.

If moderate performance effects are noted without health symptoms, reduce the level of positive or suspected feeds with mold present. Removal or appreciable reductions in suspected feeds should result in considerable improvement within three to seven days in many cases.

Mycotoxin levels indicated here are referred to on a dry matter basis. Often laboratory results are given on an as fed or as received basis. Thus, it is important to know how reports are given and express them on a dry matter basis for interpretation.

Levels of aflatoxin in the total ration dry matter should be limited to 20-40 ppb for milk cows and nursing dams. A longer recovery period may be needed for animals with considerable liver or kidney involvement. Aluminosilicates and some bentonites may be fed to partially reduce harmful effects and levels of aflatoxins in the milk.

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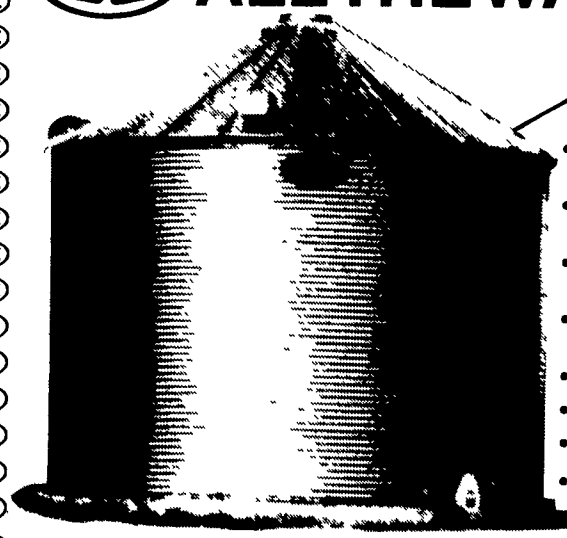

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Five-Acre Corn Club Results: A Few Thoughts

Greg W. Roth
Jayson K. Harper

This year's Five Acre Corn Club results reveal some interesting figures about corn production in Pennsylvania.

In general, the corn club reflected many of the reports of the crop this year. Yields averaged a record 163 bushels per acre over 121 entrants, but moistures were higher than last year.

Barren plant percentage was down slightly from last year to 2.1 percent. The average plant population reported was 23,600, also down slightly from last year. Approximately 15 percent of the growers cultivated their corn and about 40 percent side dressed their crop.

The average N rate including manure, previous crop and fertilizer credits amounted to 191 pounds per acre, which is only slightly above 177 pounds, the recommended rate for the average 161 bushel crop. Granular insecticides were used on 71 percent of the corn following corn, 31 percent of the corn following alfalfa, and 33 percent of the corn following soybeans.

About 13 percent of the entrants no-tilled their crop and the rest were almost evenly split between minimum and conventional tillage. For the last two years, no-till entries have been down somewhat. It is unclear whether this reflects less no-till corn or just less no-till corn that growers wanted to enter in the program.

This year, the no-till entries averaged 5 bushels higher than minimum tillage entries and 15 bushels higher than conventional entries.

Economic data revealed that the average cost of producing an acre of corn, excluding land, was about $212. Land costs are extremely variable across the state, but if one assumes a $50 land charge, the total cost of producing an acre of corn would be $262. At the average price reported of $2.30/bushel, the break even yield of corn is about 94 bushels without land included and 115 bushels with land included.

Some average costs per acre reported included seed, $24, lime, $9, machinery operating, $23, and machinery ownership, $39. Growers in southeastern Pennsylvania generally had lowest costs per bushel, because of lower costs and higher yields per acre.

No-till entries reported the lowest cost per bushel. This was due to higher yields this year, and lower machinery ownership and operating costs. When results were summarized over yield group level, the highest yield group had the highest returns and the lowest break even price. Total costs did not vary greatly between yield groups. Returns to land and management were also calculated for different soil productivity groups. Returns were highest for class I soils and $32 per acre less for class II soils. Class III soils averaged even less in returns, about $78 less than class I.

The Five acre corn club is sponsored by PMCGA, Penn State Cooperative Extension, and the many seed corn companies. Entry in the corn club is open to all corn growers. Corn club programs are coordinated through local cooperative extension offices. For more information, on participating in the club, contact your county extension agent.

CORN TALK

Daryl Alger of Palmyra harvests his Five Acre Corn Club plot in Lebanon County. This field yielded 203.4 bushels per acre.

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3241
114 CRM
Excellent early growth and resistance to several diseases make 3241 ideal for conservation tillage. Grain growers will appreciate its outstanding stalks, lengthy staygreen and reliable drought tolerance. Good grain appearance with above average grain protein. Top silage producer.

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With no industry standard for maturity ratings, comparing maturities between companies is usually difficult. Use this rating to compare Pioneer hybrids with competitive hybrids of similar maturity and harvest moisture. These ratings are based on customer side-by-side and research comparison experience. Individual company ratings may still show a variation from the average comparative rating.

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Grower's Experience: Prevent Compaction, Improve Corn Yields

ANDY ANDREWS
Lancaster Farming Staff

MANHEIM (Lancaster Co.) — Clarence Keener believes corn growing and harvesting equipment is too heavy and the chances for compaction are greater than farmers realize.

Dealing with compaction problems on his 80-acre farm (in addition to another 120 he rents) allowed him to harvest the most amount of corn he's ever seen on his farm — 211 bushels — and made him tops in the state in the large acre size shelled corn class from the Pennsylvania Master Corn Growers Association Five Acre Corn Club.

Keener will be honored with the award at the Pennsylvania Corn Conference, scheduled March 2 at the Ramada Inn in West Middlesex.

At an interview at his farm, Keener, who has farmed for 32 years, outlined the major characteristics that went into achieving the highest yields in the state for the class.

Using subsoiler

"What has helped me in the last few years is going into deep tillage, using what they call a V-ripper," said Keener. "That was one of the contributing factors in being able to break the 200-bushel yield."

All his life Keener has dreamed of being able to harvest more than 200 acres. A combination of choosing the right seed, preventing compaction, and the right growing conditions (nearly ideal in the southeastern part of the state in 1992) garnered him the recognition.

Keener met with Wilmer Nissley, a Pioneer seed representative based in Mount Joy. Keener selected Pioneer 3245, which the salesman and Keener believed would do well on the farm, considering the Hagerstown-Duffield loam soil type as well as the growing conditions and soil fertility.

"It was corn that was planted into a field that hasn't had corn on it for 5-6 years," said Keener. "It had been sod, and therefore that's one of the contributing factors."

Prevented compaction

Keener said the sod allowed the soil to aerate and organic matter to work down in. Also, keeping the heavy equipment, including tractors, wagons, bins, and combines off the field as much as possible, prevented compaction, which has been proved to decrease corn yields.

Using a subsoiler, in this case, a V-ripper, has proven effective. But the weather conditions the past fall weren't ideal for subsoiling, considering the wet and cool conditions. According to Keener, the ground must be as dry as possible. "To rip well, it has to be fit for planting type of tillage," he said.

The field — numbered "5" on careful records kept by the corn grower — was a 10-acre parcel. The ground, worked by minimum tillage, had corn planted the last week of April. Harvesting took place late in October.

Alleviate compaction

Regarding the problems of compaction, Keener said that more of it takes place on continuous corn than it does on a rotation, "because alfalfa and so forth and some of the other crops with their rooting systems will help alleviate compaction," he said.

Also, working closely with Pioneer, and choosing a good variety and obtaining soil samples on a regular basis, in addition to seeding the right population at the right planting date, also helped.

Keener noted that his farming operation didn't use any animal manure since 1974. (Until that date, Keener raised steers on the farm, and now raises entirely cash crops.)

Observe practices

Keener said a few years ago he won the National Corn Growers Association award for state yields. He was invited out to Indiana to tour seed plants and to observe other cultural farming practices.

One thing Keener learned is the way Midwest farmers handle compaction. There, they do not follow the same rows when discing or chisel plowing in the fall. Farmers in Pennsylvania, on the other hand, tend to aggravate compaction by following the same rows as the planter or combine. In the Midwest, they disc and chisel diagonally from the rows — keeping away from the same tracks as the combine. By going off-row and working diagonally, the areas under compaction stress are not recompacted.

For Keener, the contest itself encourages corn growers to "become involved on your cost of production," he said. "It's not only the yield, it's what your cost of production is."

Clarence Keener, Manheim, was honored by the Five-Acre Corn Club for a harvest on a 3+ acre corn size totalling about 211 bushels per acre. This photo shows the original homestead, built in 1859, of which a family room was added about eight years ago. ***Photo by Andy Andrews.***

Yields differ

Keener cautioned that farmers must be careful in considering what varieties of corn they choose, because yields will differ according to site-specific conditions. Varieties differ to how they handle different types of weather conditions and plant and disease stress.

Also, farmers should be careful to choose different varieties and an array of planting dates. "Don't put all your eggs in one basket," he said. "You have to use three or four different numbers so you can average out."

Winning awards such as these allows Keener to meet with different farmers from around the state and country to exchange information and improving yield and profit goals. "The incentive to winning I think is competing on a farm-to-farm basis, to see how you compare tillage practices and looking at it from an overall program and see whether you're producing corn on a cost-per-bushel basis compared to the other farmers in the contest," he said.

But in managing his own crops, more important is to keep abreast of different varieties, which he does in field test plots. "Before I choose a variety, I'd like to see how it does on my farm.

"Since I have achieved my goal of more than 200 bushels, I'll have to set my goals even higher with the new technology and new varieties."

Corn Growers To Debate Key Issues At Classic

ST. LOUIS, Mo. — Corn growers will quiz the experts about their expectations for corn prices in 1993 and beyond during the upcoming Corn Classic.

A trio of marketing sessions will examine market highs and lows, offer crystal ball forecasts, and delve into a variety of marketing techniques to maximize profit potential.

The National Corn Growers Association's 35th annual Corn Classic will be Feb. 21-23 in San Antonio, Texas. More than 2,500 registrants are expected to attend.

On Monday, early risers can participate in a sunrise marketing session sponsored by Doane Agricultural Services Co. In a mini-classroom setting, expert Jack Tower will discuss ways to customize general marketing strategies. He'll also answer questions about pricing fundamentals.

Noted ag economist John Marten will lead two Tuesday morning breakout sessions called "Prices, Production, and Politics in 1993." He'll provide an insider's view of market trends and take his best shot at predicting which way corn prices will go. Marten's presentation will cover the nuts and bolts of making market predictions. Marten's appearance is sponsored by Farm Journal. The first session begins at 9 a.m. and repeats at 10:45 a.m.

Rounding out the trio of marketing sessions is a special Tuesday afternoon presentation by the Chicago Board of Trade (CBOT). "Don't Just Sell Your Grain: Market Your Grain" covers the how-to's of trading through cash, futures, and option markets as well as government programs. It features CBOT education specialist Jeff Campbell. The session begins at 1:30 p.m.

Participation in the marketing sessions is included in the Corn Classic registration fee. All sessions will be held at the San Antonio Convention Center.

In addition to providing a wide range of educational opportunities, Corn Classic features an extensive trade show. It also includes an evening of entertainment by country music stars Crystal Gayle and Lionel Cartwright.

To register for Corn Classic, call NCGA at (314) 275-9915.

Other Corn Problems

V. A. Ishler
Dairy and
Animal Science
Extension

Some increase in problems with feed intake, production, and health may result this year from mold that developed on the corn silage while the crop was in the field or during storage when ensiled at below normal moisture levels due to delays in harvesting. Considerable amounts of mold may depress energy content by five percent and reduce feed intake.

If mycotoxins produced by mold are present in appreciable quantities, production may drop drastically, animals may go off-feed, and increases may occur in acetonemia, displaced abomasum, diarrhea, hemorraging, infertility, and infection.

If any of these symptoms occur, the suspect forage should be sampled and sent for a mycotoxin screen. Do not sample only the moldy portions of the feed, since mycotoxins are usually present in samples that exhibit no visable signs of mold. Once the level and type of mycotoxin(s) are determined, appropriate recommendations can be made.

The variability observed in corn silage is also showing up in high-moisture corn. There has been a tendency for lower protein values, and because corn did not dry down properly, there will be more variation in moisture content.

PENNSTATE

College of Agricultural Sciences
Cooperative Extension

Pennsylvania Commercial Hybrid Corn Tests Report

Short-season hybrids (Maturity Zone 1) 1992 results

Tests of commercially available corn hybrids are conducted annually at several locations in each of the four maturity zones in Pennsylvania to provide farmers, seed producers, county extension agents, and other interested persons with information about hybrid performance. This report includes both the grain and silage results from the 1992 season.

Tables 1 and 2 contain the combined results for all locations in this zone, except as noted. Those in Table 1 are for the advanced hybrids tested previously for at least one year, and those in Table 2 are for new hybrid entries. New entries are tested for at least one year before being included in the advanced tests. A two-year summary of results for hybrids tested in both 1991 and 1992

(Turn to Page 32)

Videotape Gives Straight Answers

ST. LOUIS, Mo. — As farmers are filing conservation plans for their highly erodible land in the new year, many still have questions about implementing conservation measures and complying with federal conservation guidelines.

A 15-minute videotape — featuring a down-to-earth conversation between Soil Conservation Service Chief Bill Richards and four farmers from across the country — answers many of the tough questions growers with highly erodible land ask about conservation compliance.

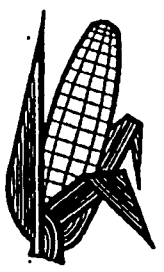
In the program, "Straight Talk About Your Conservation Plan," Richards tackles issues like flexibility, changing plans, working with local SCS conservationists, and understanding the appeal system with the directness that has marked his tenure as SCS chief.

The growers in the tape represent four major row-cropping areas and a variety of commodities. Randy Cruise of Pleasanton, Neb.; Buce Johnson of West Point, Va; Mark Lanning of Pine Bluffs, Wyo.; and Mike Tate of Huntsville, Ala. pull no punches, seeking answers to questions that are both regional and national in scope.

The videotape will be available at Soil Conservation Services across the country. The National Corn Growers Association will also be distributing copies to members who request them, as will the American Soybean Association and the National Cotton Council.

The Alliance for Crop Residue Management — a conservation coalition administered through the Conservation Technology Information Center — will be distributing 10,000 copies of the program through a grant from ICI. In addition, ICI Agricultural Products technical sales representatives will have copies of the video on hand.

Videos are available at no cost and can be obtained by writing National Association of Conservation Districts, P.O. Box 855, League City, TX 77574-0855, Attention: Straight Talk Video.



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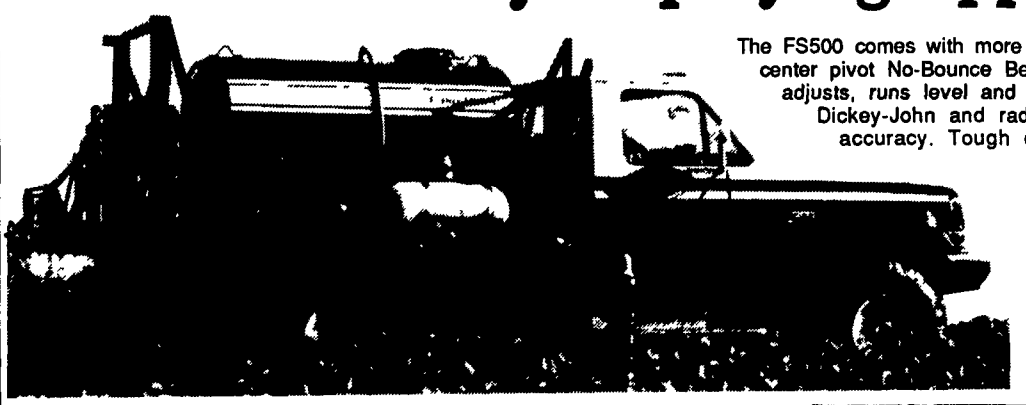

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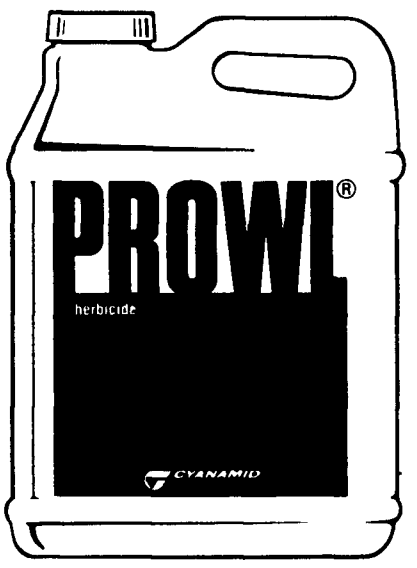

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Maturity Zone 1

(Continued from Page 31)

growing seasons is given in Table 3. The results for hybrids entered in the silage performance test are given in Table 4.

Procedures

This testing program was available to any producer of hybrid seed corn. For the grain tests, hybrids were planted in paired-row plots of 1/500 of an acre. Each row was overplanted—34 kernels per row, and thinned to a standard count of 48 plants per plot when the corn was 12-18 inches tall. The final population was 24,000 plants per acre. Silage plots were 1/1,000 acre in size, consisting of one row overplanted to 38 kernels and thinned to a final population of 28,000 plants per acre. All entries were replicated three times in each test.

Test plots were planted with modified mechanical planters. Grain-test plots were harvested with a self-propelled combine equipped with electronic instrumentation for determining weight and moisture. Silage plots were harvested with a forage harvester. Grain yields are reported as bushels per acre while grain moisture and erect plants are reported as percentages. Shelled grain yields were standardized at 15.5 percent grain moisture. Percentage of checks for each hybrid was based on the mean of five check hybrids and calculated for moisture, yield, and erect plants. Data such as plant height, ear height, and leaf disease ratings were taken in the field. Disease ratings were based on a scale of 0.5 to 5.0, progressing from little or no disease to premature death. Silage results are given as actual field yield in tons per acre, calculated on the basis of 65 percent moisture, tons of dry matter per acre, and percentage of water in the plants.

Growing conditions

Temperature was below normal while soil moisture tended to be above normal throughout the growing season. The Somerset location was planted May 4, but germination and emergence were adversely affected by a herbicide. The plot had to be abandoned because of very poor stands and retarded plant growth. The other locations were planted from May 11 to 22. Maturity was delayed because heat units were below normal throughout the growing season. All locations had adequate to excessive moisture throughout the season. Harvesting at all locations was delayed because the grain moisture levels remained too high. Grain moisture level at both the Clarion and Erie County locations was so high that our on-the-combine moisture testing equipment could not give a readout. At the Clarion County location the grain was so wet it gummed up the combine screens. Snow cover at the Erie County location also was a deterrent to harvesting. Thus, data for these two locations were not included in this report.

Diseases, insects, and other pests

Hybrids grown at a Centre County location were inoculated with the fungi causing northern leaf blight (NLB) and northern leaf spot (NLS). Ratings were made for northern leaf spot and are given in Tables 1 and 2. These diseases were not a problem at the other locations. Some bacterial leaf blight was noted but did not create a significant problem. Also, some stalk and ear rot was observed.

Corn borer damage tended to be low at most sites; however, the incidence of infestation was higher at the Centre County location.

Animal and bird damages varied, but were most severe at the Clearfield County location where raccoon, deer, and bear damages were noted.

Interpretation of results

Least significant differences (LSD) is the tool used to determine if two average values are actually different statistically. The difference between two hybrids must exceed the LSD value to be considered significantly different. Example for yield: LSD = 8.1 Bu/A; Hybrid X = 120.0 Bu/A; Hybrid Y = 105.0 Bu/A; 120.0 - 105 = 15.0 Bu/A difference. Since the difference between Hybrid X and Y (15.0 Bu/A), exceeded the LSD (8.1 Bu/A), hybrid X was higher yielding due to hybrid superiority and not simply as a result of uncontrolled environmental factors.

ADVANCE ENTRIES

Table 1 Short-season hybrid performances (Maturity Zone 1) Combined Penn State Commercial Advanced Entries (average of three locations) Data under Location Means indicate counties where values were obtained

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	NLS RATING
AGWAY AG 261	92.8	84 9	97.0	21 9	110 1	85.9	77.7	31.7	1 8
DOEBLER'S 29XA	95.7	78.7	105 6	22 6	102.1	93 5	77.0	33.0	2.2
HALSEY H188	98 4	95 4	107.8	23.2	123.7	95.4	79 7	35.7	3 0
DOEBLER'S 48XE	100 1	104 7	105 2	23 6	135 8	93 1	84 0	34.7	1 7
AGWAY AG 310	100 8	108 8	93 7	23 8	141 0	82 9	80 7	40 7	1 7
AGWAY AG 295	100 8	92 3	103 1	23 8	119 7	91 2	89 0	38.3	3 2
FUNK'S G-4106	101 1	98 3	98 1	23.9	127 5	86 8	81 3	36.3	2 3
PIONEER 3921	101.9	76 5	108 3	24 1	99 2	95 8	77 0	36 0	1 5
DOEBLER'S 35XP	102 9	92 1	108 5	24.3	119 5	96 0	78 3	35 3	2 7

(Turn to Page 34)

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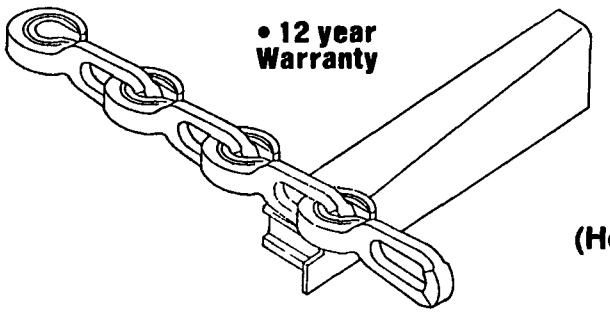

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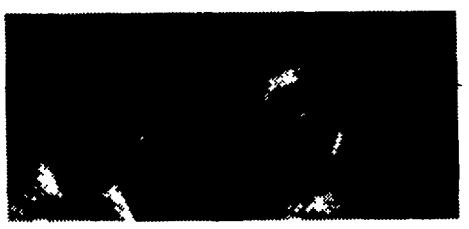

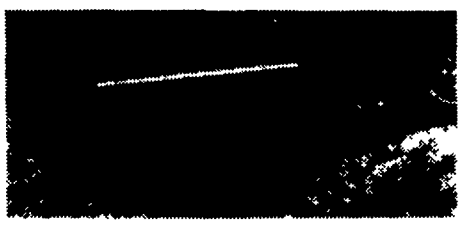

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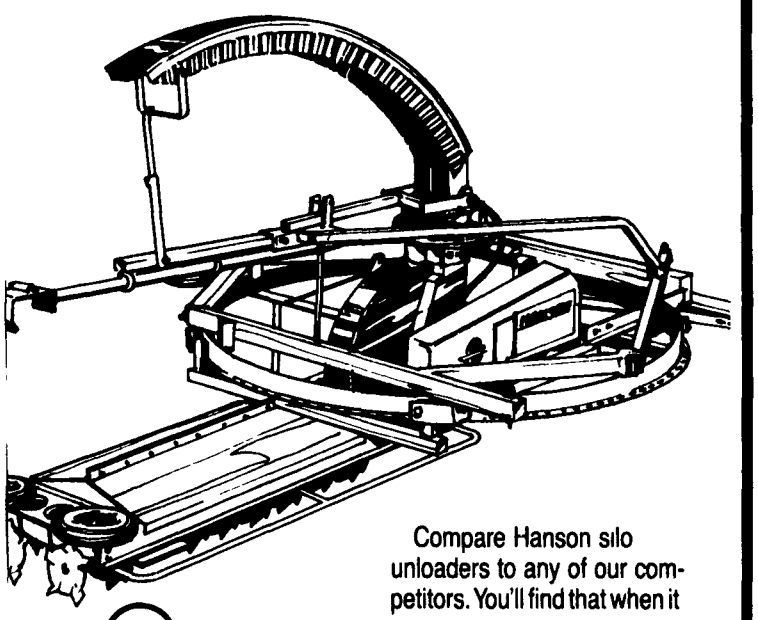

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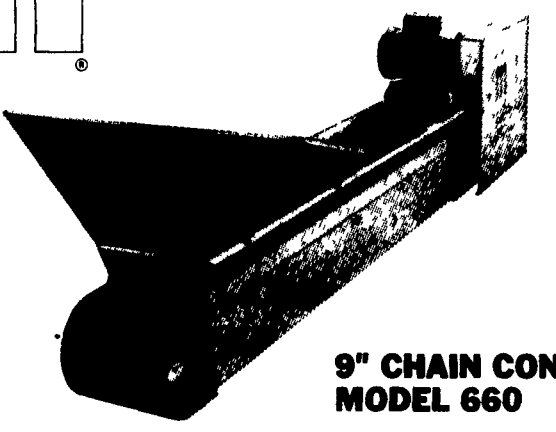

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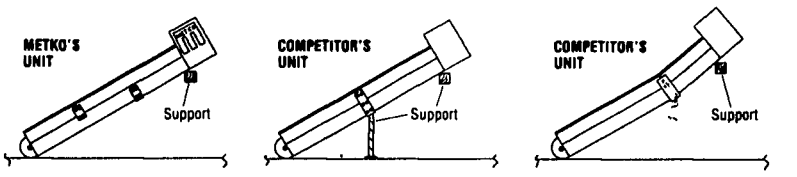

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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Maturity Zone 1

(Continued from Page 33)

GREAT LAKES GL438	104 1	98 2	109 6	24 5	127 4	97 0	83 7	36 3	2 8
FUNK'S G-4160	104 4	91 0	110 4	24 7	118 0	97 7	77 7	34 7	1 8
PIONEER 3751	105 1	103 6	105 9	24 8	134 4	93 7	83 0	38 7	1 0
PIONEER 3733	105 9	101 6	109 1	25 0	131 8	96 5	85 3	38 0	1 0
GREAT LAKES GL450	107 1	110 5	106 4	25 3	143 3	94 2	87 0	38 3	3 2
HYTEST HT318	107 7	120 2	104 1	25 4	155 9	92 1	91.7	38 7	1 5
NORTHRUP KING N3624	107 8	108 3	109 9	25 4	140 4	97 2	86 0	39 0	2 0
FUNK S G-4260	108 0	92 8	108 6	25 5	120 4	96 1	81 3	39 0	1 8
DEKALB DK524	108 2	125 6	104 3	25 6	162 9	92 4	86 7	41 3	2 0
EASTLAND E338	112 0	106 0	109 6	26 4	137 5	97 0	83 3	36 7	3 3
AGWAY AG 427	113 6	107 1	110 6	26 8	138 8	97 9	85 7	39 3	2 7
JACQUES 4770	115 0	107 2	103 8	27 1	139 1	91 9	86 0	39 7	2 8
DOEBLER'S 45XP	116 2	103 9	107 8	27 4	134 8	95 4	79 7	31 7	1 2
DEKALB DK485	117 0	112 6	108 6	27 6	146 1	96 1	80 3	35 3	3 2
GRIES GSF4100	119 1	98 9	110 4	28 1	128 3	97 7	89 3	41 7	2 7
FUNK'S G-4385	119 3	112 0	106 7	28 2	145 3	94 4	86 7	40 7	2 7
CARGILL SX269	128 1	127 1	108 8	30 2	164 8	96 3	89 0	33 3	2 2
MEANS	107 4	102 2	106 2	25 4	132 6	94 0	83 3	37 1	2 2
LSD (05)	6 0	11 9	4 7	1 4	15 5	4 2	6 1	7 4	0 7
LOCATION MEANS									
Clearfield	109 1	103 6	114 8	27 3	120 9	90 6	83 3	37 1	
Bradford	110 8	93 3	100 2	27 5	151 1	99 1			
Centre	101 5	113 7	105 4	21 3	125 8	92 3			2 2

NEW ENTRIES

Table 2 Short-season hybrid performances (Maturity Zone 1) Combined Penn State Commercial New Entries (average of three locations) Data under Location Means indicate counties where values were obtained

	PERCENT-OF-CHECKS			%H2O	BU/A	%	HEIGHT (IN)		NLS
BRAND-HYBRID	H2O	YIELD	ERECT	GRAIN	GRAIN	ERECT	PLANT	EAR	RATING
AGWAY AG 261	92 8	87 6	98 3	22 3	114.7	88 7	80 0	35.7	1.8
FUNK'S G-4106	98.0	103 4	102.4	23.5	135 4	92.3	83.7	35 0	2 3
DOEBLER'S 48XE	99.0	101.1	100.1	23 8	132 4	90.3	85 3	32.3	2.0
FUNK'S G-4231	101 4	87 8	107 8	24 3	114 9	97 2	79 7	29 3	1 0
AGWAY AG 310	102 0	104 9	93 7	24 5	137 4	84 5	83 0	37 7	1 8
TERRA TR910	103 0	95 1	103 2	24 7	124 5	93 1	85 3	36 7	2 7
MUNCY CHIEL SX2220	103 9	74 7	99.7	24.9	97.8	90 0	76 3	35.7	2.3
CARGILL 2927	104 1	103.1	101 6	25 0	135.0	91.7	85.7	32.3	2.2
AGWAY AG EXP 311	104 6	96.1	109.3	25.1	125 8	98 6	84.0	35.7	2 3
DOEBLER'S 49XP	106 8	97.9	109.3	25 6	128 1	98 6	82 0	33 3	2 5
PIONEER 3751	107 4	102 9	105.7	25 8	134 7	95 4	87 0	38 3	1 7
AGWAY AG 272	108 8	85 8	106 4	26 1	112 3	96 0	83 7	40 7	2 0
NC+ 1991	109.3	107.8	103.4	26.2	141.1	93 3	82.0	36 3	3.2
DEKALB DK512	112.2	123.4	105.0	26.9	161.5	94.7	87.0	38.7	2.3
JACQUES 4970	112.5	99 5	93 9	27.0	130 3	84 7	82.0	35 0	2.7
DEKALB DK524	112 6	121 4	105.2	27 0	159 0	94 9	86 3	40 7	1 8
WETSEL PX95K	113 3	59 0	101 6	27 2	77.3	91 7	79 0	36 3	3 3
WETSEL PX85	113 7	97.9	107 0	27.3	128 2	96 5	80 3	33 7	2 8
GRIES GSF2393	113 8	87 1	108 6	27.3	114.1	97.9	88 7	41.7	2.2
FUNK'S G-4292	115 0	89 1	107.0	27.6	116.7	96 5	79 3	34 3	1.7
ANDERSONS PSX250	115 8	91 0	105.0	27 8	119.0	94.7	79.3	34.3	3.2
AGWAY AG 454	117 2	105 3	109 1	28 1	137 9	98 4	79 7	35 0	1 5
DEKALB DK522	119 9	126 1	106 0	28 8	165 1	95 6	85 3	33.7	3 0
HARDY HB6314	120 5	94 3	107.8	28 9	123 4	97 2	83.0	32.7	1 3
NC+ 3795	122.2	100.6	105.5	29.4	131.7	95.1	91.0	42.3	2 0
HYTEST HTX7228	123.5	113.0	101.4	29.7	147.9	91.4	82.7	38 7	2.5
NC+ 2844	125 3	111.2	102.9	30.1	145.5	92 6	94.0	43.0	1.5
EASTLAND E599	132 2	110 8	106 3	31 7	145 0	95 8	88 0	37 7	1 2
MEANS	111 1	99 2	104 0	26 7	129 9	93 8	83 7	36 3	2 2
LSD (.05)	7 1	11 7	5.5	15 4	4 9	1 7	5 6	6 6	0 6
LOCATION MEANS									
Clearfield	115 8	92 9	105 8	29 4	112 4	89 2	83 7	36 3	
Bradford	111 5	95 6	99 8	28 8	144 1	98 3			
Centre	105 4	110 0	107 0	21 8	133.2	94 0			2 2

TWO-YEAR AVERAGE PERFORMANCE

Table 3 Short-season hybrids mean performace, 1991-1992 (Matunty Zone 1)

	PERCENT-OF-CHECKS			%H2O	BU/A	%
BRAND-HYBRID	H2O	YIELD	ERECT	GRAIN	GRAIN	ERECT
DOEBLER'S 29XA	95 3	87.4	104.5	20 3	101 7	93 6
AGWAY AG261	96 2	93 2	95 1	20.5	108 4	85 2
DOEBLER'S 48XE	97.7	98 0	102.7	20 8	114.0	92 0
FUNK'S G-4160	98 6	91 3	106 5	21 0	106 2	95 4
NORTHRUP KING N3624	99 5	112 6	107 3	21 2	130 9	96 1
DOEBLER'S 35XP	99 5	95 4	104 4	21 2	110 9	93 5
FUNK'S G-4106	100 0	103 5	100 2	21 3	120 4	89 5
AGWAY AG295	100 0	98.7	98 5	21 3	114 8	88.3
AGWAY AG310	100 9	99.1	99 7	21.5	115.2	89 3
PIONEER 3921	101 9	81 9	105 0	21 7	95 3	94.1
HALSEY H188	103 0	97.3	101 3	21 9	113 2	90 8
FUNK'S G-4260	103 8	96 7	104 6	22 1	112 5	93 7
PIONEER 3751	104 7	106 3	102 9	22.3	123.6	92.2
GREAT LAKES GL438	105.6	106.1	106 3	22 5	123 4	95 2
PIONEER 3733	105.6	105 1	105.0	22 5	122.2	94.1
GREAT LAKES GL450	106 1	115 8	102 8	22 6	134 7	92 1
HYTEST HT318	109 4	121 8	100 1	23 3	141.6	89 7
DEKALB DK524	110 0	121.2	103 9	23 4	140 9	93.1
JACQUES 4770	110 0	112 1	101 8	23 4	130 4	91.2
DOEBLER'S 45XP	110.3	102 0	105.8	23.5	118.6	94.8
AGWAY AG427	112.7	107.6	106.0	24.0	125.1	95.0
EASTLAND E338	112 7	105 7	103 8	24 0	122.9	93 0
DEKALB DK485	113 1	113 7	105.4	24 1	132 2	94 4
FUNK'S G-4385	116 4	115 8	102.7	24 8	134 7	92 0
GRIES GSF 4100	116 4	102.6	107.7	24.8	119 3	96.5
CARGILL SX269	126 8	109 1	105.7	27.0	148.2	94.7
MEANS	106 0	103 5	115 0	22 6	121 6	92 7
LSD (.05)	5 3	12.7	5 4	1 2	17.6	4 7

SILAGE ENTRIES

Table 4 Silage performance of short-season hybrids (Maturity Zone 1)

BRAND-HYBRID	YIELD (T/A)	%H2O PLANT	DRY MAT PLANT(T/A)
DOEBLER'S 64XP	15 3	80 5	5 4
HARDY HB6314	15 6	75 8	5.4
AGWAY AG 310	15.6	64.5	5.4
HYTEST HTX7228	15 8	76 5	5 5
DOEBLER'S 49XP	16 8	71 9	5 9
HALSEY H3393	17 0	72 7	6 0
AGWAY AG 427	17.4	73 9	6.1
PIONEER 3733	17 8	73.9	6.2
AGWAY AG 473	18.6	75.6	6 5
DEKALB DK524	19 2	72 8	6 7
HYTEST HT289	19 3	73 0	6 8
EASTLAND E495	19 4	75 0	6 8
AGWAY AG EXP 511	19 8	76.3	6.9
DOEBLER'S 65X	20.3	72.6	7.1
PIONEER 3592	20 3	75 5	7.1
PIONEER 3527	21.7	73 7	7 6
MEANS	18 1	74 0	6 3
LSD (.05)	3 2	3 3	1.1

Cooperators and locations

Short-season hybrids were evaluated with the cooperation of the following persons· Owen Brackman, Bradford County; Frank Sankey, Clearfield County; Eugene Fesenmyer, Clarion County, Richard Warnshuis, Erie County; Dennis Zimmerman, Somerset County; and university farms, Centre County.

Results of the tests for short-season, early medium-season, late medium-season, and late-season hybrids are available as separate reports from county offices of Penn State Cooperative Extension

(Turn to Page 35)

Where trade names appear, no discrimination is intended, and no endorsement by Penn State Cooperative Extension is implied.

Issued in furtherance of Cooperative Extension Work, Acts of Congress May 8 and June 30 1914, in cooperation with the U.S Department of Agriculture and the Pennsylvania Legislature L.F Hood, Director of the Cooperative Extension, The Pennsylvania State University

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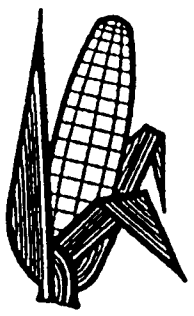

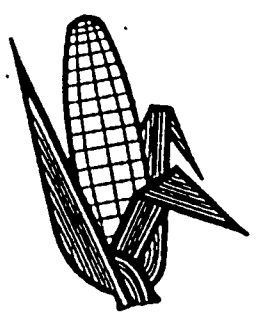

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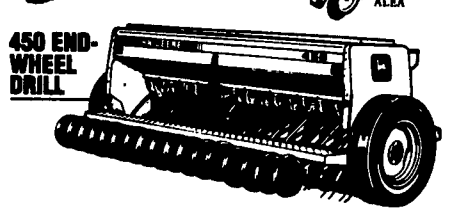

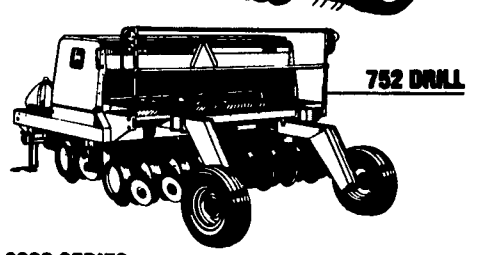

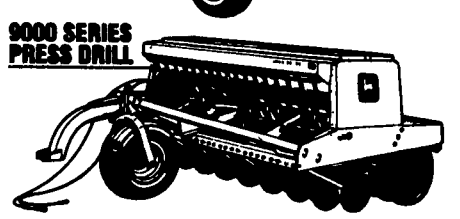

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Maturity Zone 1

(Continued from Page 34)

Members of the county based extension staff assisted in conducting these tests Their efforts were essential to the successful completion of the trials, and were greatly appreciated

This report represents the combined efforts of extension, research, and service personnel in the Departments of Agronomy and Plant Pathology (M W Johnson, and J E Ayers)

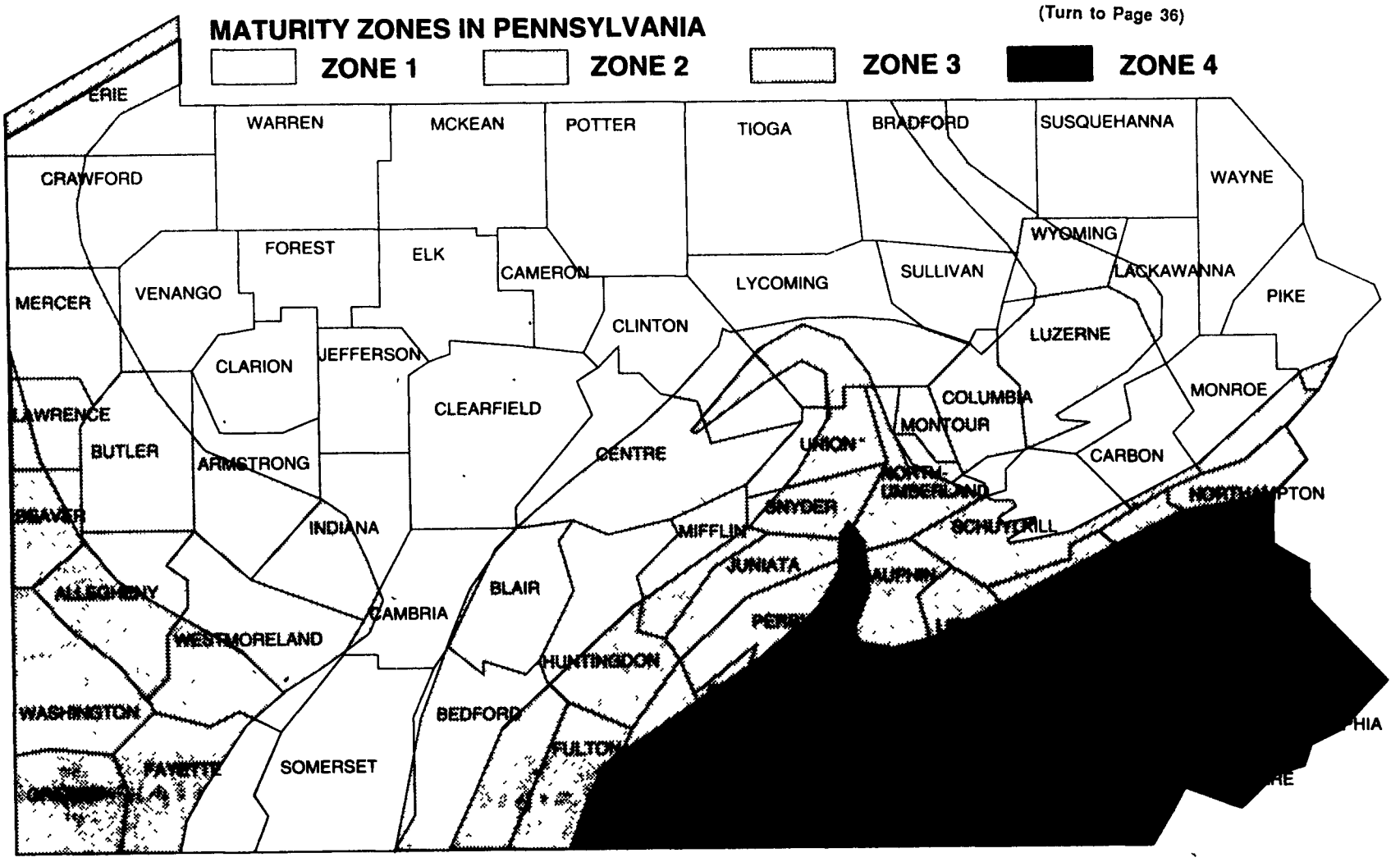
The tables in this report may be reproduced only in their entirety

Early medium-season hybrids (Maturity Zone 2) 1992 results

Growing conditions

Planting in this zone was begun on May 7 and completed on May 21. Soil moisture levels were high, thus delaying planting at several locations. Soil moisture tended to be high throughout most of the growing season. The Lycoming County location suffered some from excessive soil moisture. Heat units were below normal throughout the growing season. Because of this plants matured slowly and grain dry-down was delayed. Harvesting was begun the

(Turn to Page 36)



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Mr. Jim Russin of Sharon, Connecticut was named the Class A, Non Irrigated Division State Champion with a Yield of 178.8533 Bushels per Acre using HYTEST Brand HT650A.

Mr. Joe Matejik of Mechanicsville, Pennsylvania was named the Class A, Non Irrigated Division State Champion with a Yield of 200.5841 Bushels per Acre using HYTEST Brand HT736.

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HYTEST Brand Corn has had 16 State Winners and 3 National Champions out of the east in the past 2 years! This is a record of performance many larger National Brands can't match!

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HT318-SX – 100 DAY	HTX7748-SX – 118 DAY

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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Maturity Zone 2

(Continued from Page 35)

second week of November, but not completed until December 7 because the grain moisture remained high and weather conditions were poor.

Diseases, insects, and other pests

Hybrids grown at one of the Centre County locations were inoculated with the fungi causing northern leaf blight (NLB) and northern leaf spot (NLS), but only NLS ratings were made. These are given in Tables 1 and 2. The incidence of this disease was not significant enough to rate at the other locations; however, some gray leaf spot and bacterial leaf blight were observed at most locations, but did not cause any significant damage. Also, some stalk and ear rot were noted.

Animal and bird damages were observed but did not cause a significant problem.

Interpretation of results

Least significant differences (LSD) is the tool used to determine if two average values are actually different statistically. The difference between two hybrids must exceed the LSD value to be considered significantly different. Example for yield: LSD = 8.1 Bu/A; Hybrid X = 120.0 Bu/A; Hybrid Y = 105.0 Bu/A; 120.0 - 105 = 15.0 Bu/A difference. Since the difference between Hybrid X and Y (15.0 Bu/A), exceeded the LSD (8.1 Bu/A), hybrid X was higher yielding due to hybrid superiority and not simply as a result of uncontrolled environmental factors.

Cooperators and locations

Early medium-season hybrids were evaluated with the cooperation of the following persons: Martin Smith, Luzerne County; Curt Rakestraw, Lycoming County; Don Fretts, Westmoreland County; Harold Foertsch, Butler County; and university farms, Centre County.

ADVANCED ENTRIES

Table 1 Early medium season hybrid performances (Maturity Zone 2) Combined Penn State Commercial Advanced Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND HYBRID	PERCENT-OF CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	NLS RATING
HALSEY H295	91 8	93 5	99 7	26 3	118 4	92 2	86 3	46 4	3 0
PIONEER 3592	92 9	98 0	98 2	26 6	124 1	90 8	88 0	47 4	1 7
PIONEER 3733	93 9	92 8	99 5	27 0	117 6	92 1	85 3	42 2	1 0
MUNCY CHIEF SX390	94 5	78 1	95 8	27 1	98 9	88 7	80 1	38 2	3 5
DEKALB DK524	95 0	91 2	96 6	27 3	115 6	89 4	86 0	44 6	2 5
HYTEST HT424	96 6	100 8	101 4	27 7	127 7	93 7	87 9	43 6	2 0
NORTHRUP KING N4545	97.2	101 2	99 5	27 9	128 2	92.1	84 0	39 4	1 5
PIONEER 3527	97 8	107.0	104.3	28.1	135 6	96 5	90.0	50.6	1 5
DOEBLER'S 57XP	99.4	92 7	96 1	28 5	117 4	88.9	79 2	39 4	2.7
HALSEY H1107	99 8	92.1	96 3	28 6	116 6	89 0	80 8	39 4	2 7
PIONEER 3394	100.1	110 6	102 3	28 7	140.1	94 6	86 0	46 0	1 8
HALSEY H1105A	100 2	90 8	93 1	28 7	115 0	86 1	84 7	35 7	3 7
DOEBLER'S 65X	100 6	96 4	99 3	28 9	122 1	91 9	86 6	48 4	3 0
AGRI GENE GA6839	101 1	98 0	98 9	29 0	124.2	91.5	85 0	47 5	2 4
WETSEL W56	101 5	94 5	99.2	29 1	119 7	91 8	86.2	43 5	3 0
DOEBLER'S 64XP	102 4	104 1	102 1	29 4	131 9	94 5	86 6	39 7	1 2
HYTEST HT512	102 5	107 4	95 6	29 4	136 0	88 4	88 0	42 6	1 7
AGWAY AG 588	102 9	97 2	100 2	29 5	123 2	92 7	83 8	43 6	2 8
DOEBLER'S 61X	103 1	96 0	101 3	29 6	121 6	93 7	83 4	39.8	2 2
CARGILL 5327	103 4	95 2	96 2	29 7	120 6	88 9	85 2	39 2	3 8
NC+ 4275	104 6	104 7	100.2	30 0	132 6	92 7	80 9	36 4	2 3
GRIES GSF5106	105 0	97 5	99 9	30 1	123 6	92 4	86 0	36 4	1 3
EASTLAND E599	105 4	94 3	104 0	30 2	119 5	96 2	86 9	36 6	1 7
ICI 8513	106 2	98 9	98 0	30 5	125 3	90 7	86 2	44 7	2 3
NC+ 4616	106 7	98 6	94 5	30 6	124 9	87.4	82 8	39 7	2 3
DEKALB DK582	106 7	92 0	96 4	30 6	116 6	89 2	85 2	42 3	2 3
ANDERSONS PSX370	107 1	99 0	100 0	30 7	125 4	92 5	80 0	38 4	2 0
FUNK S G-4472	107 4	104 6	99 8	30 8	132 5	92 3	83 2	40 5	3 0
AGWAY AG 658	107 6	97 5	99 7	30 9	123 5	92 2	82 6	43 6	1 8
GREAT LAKES GL582	108 0	100 3	99 6	31 0	127 1	92 1	79 7	37 9	2 2
HUBNER H3709	108 2	99 1	100 8	31 0	125 6	93 2	82 1	42 3	2 2
DOEBLER'S 66XP	108 4	104 6	96 9	31 1	132 5	89 6	87 6	47.4	2 3
GRIES GSF6110	109 0	105 3	97 7	31 3	133 5	90 4	82 8	39 1	1 7
PRAIRIE STREAM SX420	110 4	97 4	99 3	31 7	123 3	91 9	78 8	38 2	1 8
ASGROW RX706	110 9	99 7	94 1	31 8	126 3	87 0	87 8	44 1	2 7
JACQUES 7970	114 7	97 5	86 7	32 9	123 5	80 2	85 9	39 0	3 0
MEANS	102 9	98 0	98 4	29 5	124 2	91 1	84 5	41 8	2 3
LSD (05)	3 1	6 8	4 1	0 9	8 7	3 8	5 6	7 1	0 8
LOCATION MEANS									
Centre	105 6	99 3	93 9	33 5	101 0	86 6			
Lycoming	103 3	95 2	100 4	30 8	100 1	96 5			
Luzerne	103 6	96 3	98 4	25 9	120 1	94 5			
Butler	99 0	97 2	99 6	34 4	150 0	96 4			
Westmoreland	101 3	106 1	100 4	24 3	139 8	97 9			
Centre	104 4	94 0	97 6	28 2	134 1	74 4	84 5	41 8	2 3

NEW ENTRIES

Table 2 Early medium-season hybrid performances (Maturity Zone 2) Combined Penn State Commercial New Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	NLS RATING
HY PERFORMER HS9240	82 0	89 1	101 4	23 3	109 9	93 3	86 5	42 7	2 8
HY PERFORMER HS9330	86 2	91 9	97 2	24 5	113 4	89 5	88 4	38 7	2 8
TERRA TR910	86 9	87 5	93 4	24 7	108 0	85 9	82 9	41 0	2 7
HY PERFORMER HS9233	88 0	91 8	101 0	25 0	113 2	92 9	85 1	36 7	2 8
DOEBLER S 58XP	88 4	91 9	94 4	25 1	113 4	86 9	78 7	37 7	2 5
TERRA TR1020	90 7	84 9	96 3	25 8	104 8	88 6	82 6	41 7	2 7
DEKALB DK524	92 2	102 1	96 0	26 2	126 0	88 3	84 3	41 7	2 5
HALSEY H296	93 4	82 4	99 5	26 5	101 7	91 6	81 3	33 3	3 2
TERRA TR1010	93 4	91 9	98 0	26 5	113 4	90 2	74 1	32 0	2 8
AGWAY AG 454	93 6	89 3	96 4	26 6	110 2	88 7	81 4	40 0	2 5
AGWAY AG EXP 511	96 4	90 3	92 8	27 4	111 4	85 4	84 1	41 3	2 3
AGRI GENE AG4250	98 5	97 1	102 1	28 0	119 9	93 9	81 4	37 3	2 8
NORTHRUP KING N4545	99 6	95 6	99 1	28 3	118 0	91 1	79 1	40 6	1 7
PIONEER 3527	99 7	102 0	105 3	28 3	125 8	96 9	94.0	47 0	1 5
HARDY HB6500	99 7	91 3	103 3	28 3	112 7	95 0	84 5	42 3	2 5
DOEBLER'S 65X	100 8	101 4	98 8	28 6	125 1	90 9	87 5	46 4	2 2
TERRA TR1030	101 3	94 9	98 1	28 8	117 1	90 3	83 0	43 3	2 2
HARDY HB6450	101 5	94 2	98 8	28 8	116 3	90 9	85 0	44 3	2 8
AGRI GENE GA7149	102 8	102 2	101 3	29 2	126 1	93 2	79 8	40 0	2 8
JACQUES 6970	103 4	102 0	94 0	29 4	125 9	86 5	80 9	39 0	2.7
FUNK'S G-4402	103 7	88 5	100 0	29 4	109 2	92 0	79 7	40 0	1 5
CARGILL 6269	104 9	113 0	101 5	29 8	139 5	93 4	89 2	39 7	2 0
AGWAY AG EXP 612	105 3	99 0	101 5	29 9	122 1	93 4	86 1	41 7	1 5
HYTEST HT536	106 0	107 0	99 1	30 1	132 1	91 2	83 2	38 7	2 2
AGWAY AG EXP 613	106 4	100 9	103 4	30 2	124 5	95 1	88 5	44 0	1 3
DOEBLER'S 62XP	107 4	105 0	94 7	30 5	129 6	87 1	84 1	38 3	1 8
SCHLESSMAN SX655	107 7	94 9	97 0	30 6	117 1	89 2	82 3	39 7	2 7
FUNK'S G 4472	108 2	98 8	97 7	30 7	122 0	89 9	86 8	43 4	3 2
WETSEL PX108A	109 6	96 6	99 9	31 1	119 2	91 9	81 2	37 7	2 0
CARGILL 7177	109 8	97 1	100 7	31 1	119 9	92 6	84 3	43 0	2 3
ICI 8382	110 2	98 5	90 1	31 3	121 5	82 9	95 7	47 7	2 3
SCHLESSMAN SX661	110 2	100 3	93 4	31 3	123 8	85 9	80 8	40 7	1 3
GRIES GSF6112	112 1	91 2	97 8	31 8	112 5	90 0	81 6	40 6	1 2
PRAIRIE STREAM SX2059	114 5	102 2	93 5	32 5	126 1	86 0	101 0	50 0	1 2
PRAIRIE STREAM SX425	115 2	92 9	89 0	32 7	114 6	81 9	87 0	42 3	1 2
EASTLAND EX649	116 9	88 4	93 7	33 2	109 1	86 2	82 8	42 7	1 5
MEANS	101 3	95 8	97 8	28 8	118 2	90 0	84 4	41 0	2 2
LSD (05)	3 4	6 9	4 9	1 0	8 5	4 5	8 4	6 6	0 7
LOCATION MEANS									
Centre	101 6	99 4	94 0	32 0	93 3	85 6			
Lycoming	99 6	95 6	97 9	30 0	103 2	96 6			
Luzerne	101 0	94 3	98 5	25 9	102 9	88 6			
Butler	101 7	91 8	99 5	33 8	141 0	96 0			
Westmoreland	100 6	105 3	99 9	23 5	137 5	97 8			
Centre	102 8	90 5	96 4	27 5	131 2	75 3	84 4	41 0	2 2

(Turn to Page 38)

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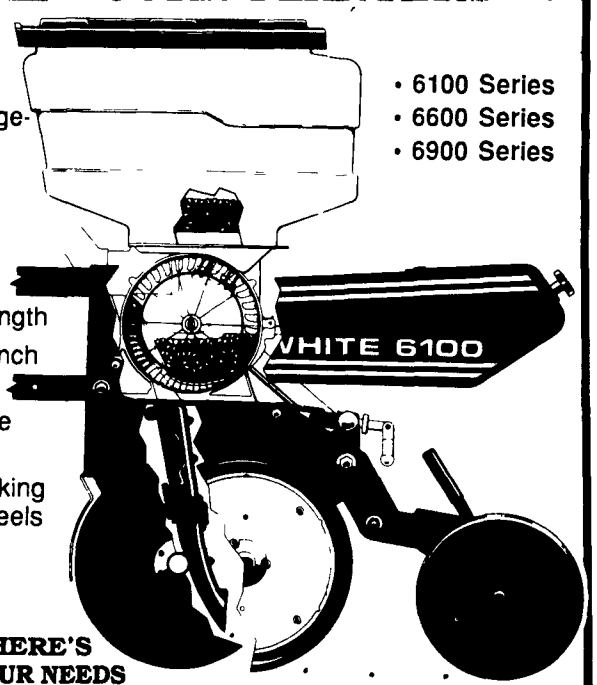

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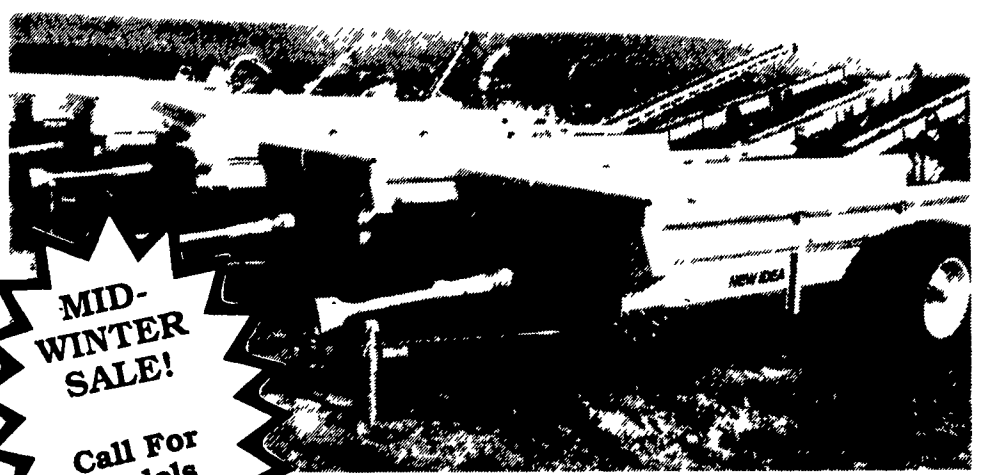

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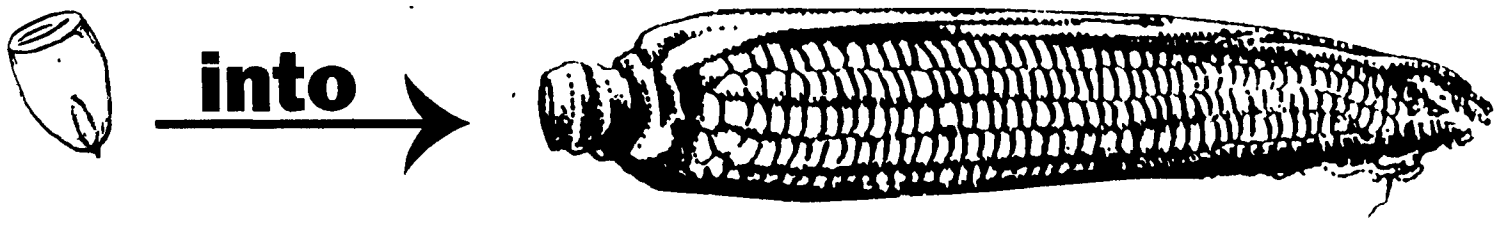
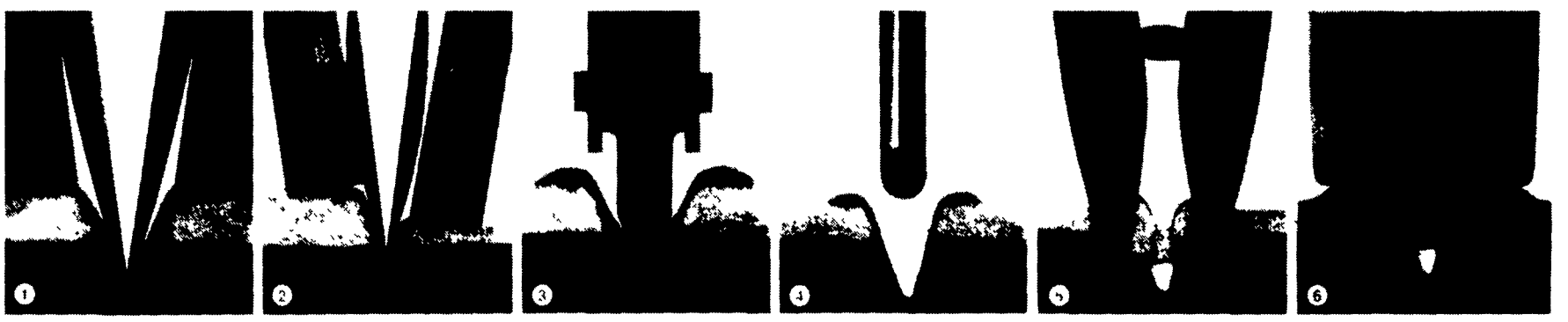


A PLANTER MUST GET THE SEED CLOSE TO THE DIRT...



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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Maturity Zone 2

(Continued from Page 36)

TWO-YEAR AVERAGE PERFORMANCE

Table 3 Early-medium season hybrids mean performance, 1991-1992 (Maturity Zone 2)

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT
PIONEER 3733	91 6	93 1	98 8	23 9	99 4	92 8
HALSEY H295	92 0	94 8	99 0	24 0	101 8	93 0
PIONEER 3592	94 3	101 0	96 8	24 6	108 5	90 9
DEKALB DK524	94 3	92 9	98 0	24 6	100 2	92 0
HALSEY H1105A	96 6	88 2	93 8	25 2	94 7	88 1
NORTHRUP KING N4545	97 7	98 7	100 0	25 5	106 0	93 9
PIONER 3527	98 5	106 1	101 7	25 7	114 0	95 5
HYTEST HT424	98 9	106 6	100 2	25.8	114 5	94 1
CARGILL 5327	98 9	96 2	97 6	25 8	103 3	91 6
HALSEY H1107	100 4	94 9	96 5	26 2	101 9	90 6
DOEBLER'S 57XP	100 8	93 8	94 6	26 3	100 7	88 8
PIONEER 3394	101 5	115 9	102 1	26 5	124 5	95 9
DOEBLER'S 64XP	101 5	103 6	101 1	26 5	111 3	94 9
WETSEL W56	101 5	102 4	98 5	26 5	110 0	92 5
DOEBLER'S 65X	101 9	99 3	99 7	26 6	106 6	93 6
GRIES GSF 5106	102 7	102 6	99 5	26 8	110 2	93 4
AGRI GENE GA6831	103 1	102 8	98 8	26 9	110 4	92 8
NC+ 4275	104 2	107 5	100 5	27 2	115 5	94 4
NC+ 4616	104 2	106 0	98 6	27 2	113 8	92 6
DOEBLER'S 61X	104 2	103 1	99 0	27 2	110 7	93 0
HYTEST HT512	104 6	106 2	97 1	27 3	114 1	91 2
AGWAY AG588	104 6	96 9	99 8	27 3	104 1	93 7
EASTLAND E599	104 6	90 9	102 8	27 3	97 6	96 5
DEKALB DK582	104 6	86 3	98 8	27 3	92 7	92 8
IGI 8513	106 5	103 2	99 9	27 8	110 8	93 8
HUBNER H3709	107 3	107 7	101 0	28 0	115 7	94 8
FUNK'S G-4472	108 0	102 7	100 6	28 2	110 3	94 5
ANDERSONS PSX370	108 4	100 9	102 3	28 3	113 2	96 1
AGWAY AG658	108 4	96 1	100 2	28 3	103 2	94 1
GRIES GSF6110	109 2	106 1	99 8	28 5	113 9	93 7
GREAT LAKES GL582	109 6	101 6	99 5	28 6	109 1	93 4
PRAIRIE STREAM SX420	110 3	105 7	99 9	28 8	113 5	93 8
DOEBLER'S 66XP	110 3	105 4	98 5	28 8	113 2	92 5
ASGROW RX706	111 5	100.8	98.1	29.1	106 3	92.1
JACQUES 7970	112 6	100.4	93 0	29 4	107.6	87 3
MEANS	103 1	100 8	99 0	26.9	108 2	93 0
LSD (.05)	4 1	10 1	4 0	1 0	10 2	3 8

SILAGE ENTRIES

Table 4 Silage performance of early medium-season hybrids (Maturity Zone 2)

BRAND-HYBRID	YIELD (T/A)	%H_2O PLANT	DRY MAT PLANT(T/A)
HALSEY H296	16.7	65.1	5 9
AGWAY AG 710	17 0	76 4	5 9
HALSEY H3593	17 7	69 2	6 1
AGWAY AG EXP 611	19 0	71 2	6 7
EASTLAND 652	19 6	69 2	6 8
DOEBLER'S 69XP	20 2	75 8	7 1
HYTEST HT525	20 6	70 0	7 2
HARDY HB6450	20 4	68 0	7 2
WETSEL S120	20 6	72 2	7 2
HARDY HB6500	20 9	69 2	7 3
AGWAY AG EXP 721	21 1	71 7	7 4
PIONEER 3394	21 8	71 6	7 6
GREENLAND GL211	22 7	70 0	8 0
DOEBLER'S 75XMOD2	22 8	73 5	8 0
EASTLAND E799	23 0	73 0	8 0
NC+ 5963	23 1	70 2	8 1
GREENLAND GL221	23 3	70 3	8 2
ASGROW RX745	23 3	71 9	8 2
PIONEER 3241	24 1	69 5	8 4
PIONEER 3527	26 3	67 2	9 2
MEANS	21 2	70 8	7 4
LSD (.05)	2 4	2 4	0 8

Results of the tests for short-season, early medium-season, late medium-season, and late-season hybrids are available as separate reports from county offices of Penn State Cooperative Extension

Members of the county based extension staff assisted in conducting these tests Their efforts were essential to the successful completion of the trials, and were greatly appreciated

This report represents the combined efforts of extension, research, and service personnel in the Departments of Agronomy and Plant Pathology (M W Johnson, and J E Ayers)

The tables in this report may be reproduced only in their entirety

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7M191PS

Late Medium-season hybrids (Maturity Zone 3) 1992 results

Growing conditions

Planting in this zone was begun on April 29 and completed by May 11. Germination and emergence were good at all sites but below normal temperature throughout the growing season delayed maturity. Soil moisture levels were generally above normal throughout the growing season. Because of the delayed maturity and slow grain dry-down harvesting was not begun until the last week of October. Although it was completed the third week of November, grain moisture remained excessively high.

Diseases, insects, and other pests

The incidence and severity of diseases varied throughout this maturity zone. The amount of gray leaf spot (GLS) was quite high at the Lycoming County location, and ratings are given in Tables 1 and 2. Some GLS was noted at the other locations, but was not significant.

(Turn to Page 39)

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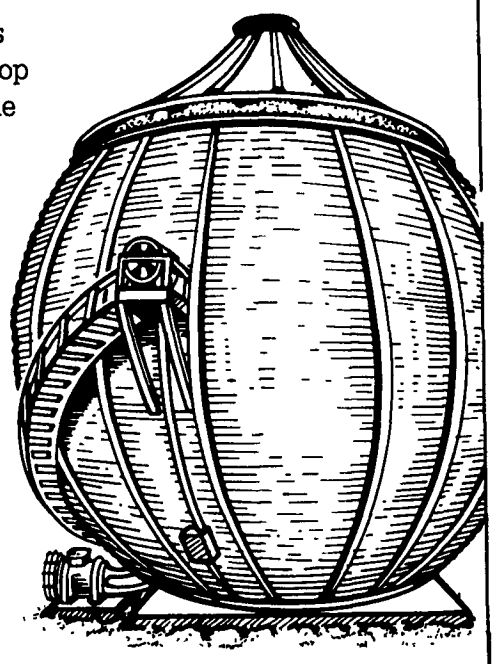

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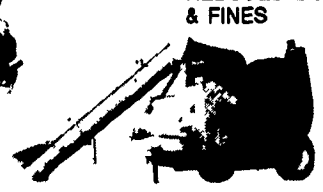

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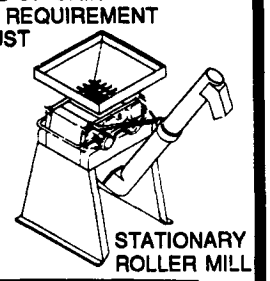

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New Loans For Low-Grade Corn

WASHINGTON, D.C. — The USDA has announced two programs to provide recourse loans to producers who have certain grades of corn that is ineligible for the regular loan programs.

Corn that is low-test weight, whether stored on farm or in warehouses, is eligible for recourse loans at a rate determined on the grade of the commodity, based on the test weight. Corn that has been cracked, rolled, or crimped is eligible for recourse loans at 70 percent of the county nonrecourse rates.

Program provisions follow:

• The farm- and warehouse-stored loan rate for low-test weight corn will be determined on the grade of the commodity, based on the test weight and will reflect the loan premiums and discounts applicable to that grade. These adjustment levels are available at county Agricultural Stabilization and Conservation Service offices.

(Turn to Page 46)

Maturity Zone 3

(Continued from Page 38)

Tests in Centre County were inoculated with the fungi causing northern leaf blight (NLB) and northern leaf spot (NLS), but only ratings for NLS were made and are given in Tables 1 and 2. Some bacterial leaf blight was observed in this zone, but the severity was minimal.

Corn borer damage was observed at all locations. Also, animal and bird damages were observed. Bird damage was most severe at the Lycoming County location.

Interpretation of results

Least significant differences (LSD) is the tool used to determine if two average values are actually different statistically. The difference between two hybrids must exceed the LSD value to be considered significantly different. Example for yield: LSD = 8.1 Bu/A; Hybrid X = 120.0 Bu/A; Hybrid Y = 105.0 Bu/A; 120.0 - 105 = 15.0 Bu/A difference. Since the difference between Hybrid X and Y (15.0 Bu/A), exceeded the LSD (8.1 Bu/A), hybrid X was higher yielding due to hybrid superiority and not simply as a result of uncontrolled environmental factors.

Cooperators and locations

Late medium-season hybrids were evaluated with the cooperation of the following persons: John Witmer, Dauphin County; Melvin Martin, Juniata County; William England, Blair County; Charles Dotterer, Clinton County; Dick Snyder, Lycoming County; and the university farm in Centre County.

ADVANCED ENTRIES

Table 1 Late medium-season hybrid performances (Maturity Zone 3) Combined Penn State Commercial Advanced Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	GLS RATING	NLS RATING
PIONEER 3527	90 5	97 4	107 3	26 3	153 6	96 5	101 7	50 3	3 0	1 3
MUNCY CHIEF XA560	95 6	81 4	98 7	27 8	128 5	88 8	91 0	42 0	2 3	2 8
PIONEER 3394	96 2	94 5	105 1	28 0	149 1	94 4	97 3	53 3	3 0	1 8
DOEBLER'S 66XP	96 9	100 4	94 4	28 2	158 4	84 8	93 0	50 7	2 3	2 2
PIONEER 3295	96 9	99 9	99 5	28 2	157 6	89 5	108 3	53 0	2 5	1 2
GREENLAND GL240	98 3	97 2	102 4	28 6	153 5	92 0	98 3	46 0	3 2	2 5
DOEBLER'S 73XP	99 6	103 8	95 8	29 0	163 8	86 1	98 3	44 7	2 5	2 8
PIONEER 3293	99 9	100 7	107.1	29 1	158 9	96 3	99 3	49 7	2 5	1 3
FUNK'S G-4530	99 9	100 8	105 7	29 0	159 0	95 0	94 7	44 3	2 8	2.7
AGRI GENE GA6951	100 1	101 5	99 6	29 1	160 2	89 6	99 3	56 3	2 3	3 2
DEKALB DK636	100 4	94 8	100 4	29 2	149 6	90 2	97 0	48 7	2 3	3 2
NORTHRUP KING N6330	100 4	93 0	100 5	29 2	146 8	90 4	88 3	43 3	2 5	2 2
HYTEST HT7510	101.8	90.5	97.5	29 6	142.8	87.6	95 0	45 3	2.2	1 8
PIONEER 3241	102 0	96.2	100.0	29.7	151.7	89 9	104 3	56 3	2 2	1 2
JACQUES 7970	102 0	95 5	85 5	29 7	150 8	76 8	92 7	43 3	2 5	3 0
HY PERFORMER HS9592	102 4	100 8	102 3	29 8	159 1	92 0	89 0	48 7	2 3	2 8
AGWAY AG 710	102 4	97 6	99 9	29 8	154.0	89 8	91 7	46 7	2 0	2 0
FUNK'S G-4543	102 5	99 6	98 6	29 8	157.2	88 6	97 3	52 0	2 5	2 5
DOEBLER'S 69XP	102.6	93 4	102.6	29 9	147 3	92.2	91 3	42 7	2 0	1 5
HALSEY H1120	103 0	96 7	99 4	30 0	152 6	89 3	91 0	45 0	2 3	3 7
SCHLESSMAN SX711	103 9	99 9	99.1	30 3	157.7	89.1	93 3	50 7	2 5	,2 7
EASTLAND E799	104 0	105 3	107 0	30 3	166 1	96 2	101 7	54 0	2 7	2 8
CARGILL 8127	104 2	95 4	97 2	30 3	150 5	87 4	107 7	51 3	2 7	2 8
DEKALB DK646	104 4	105 6	102 3	30 4	166 6	92 0	107 7	46 0	2 3	3 5
HY PERFORMER HS9502	104.6	92.6	104 3	30 4	146.1	93 7	92 0	44 7	2 0	1 3
CARGILL 7997	104.9	99.7	105 9	30.5	157.4	95.2	100 3	47 7	2.2	2 0
WETSEL W80	105.0	95 0	100 5	30 5	149 9	90 4	96 0	52 0	2 2	2 0
AGWAY AG 797	105 2	106 9	103 8	30 6	168 8	93 3	97 0	51 3	2 5	2 0
JACQUES 8210	105 3	93 3	88 9	30 6	147 2	80 0	92 3	46 0	2 5	3 3
COKER 8625	105 4	100 8	99 9	30 7	159 1	89 8	96 0	52 0	2 5	2 7
DOEBLER'S 75X	105 6	97 6	100 8	30 7	154 1	90 6	93 7	49 3	2 5	3.2
HUBNER H9115	105 7	102 2	106 9	30 8	161 2	96 1	102 0	58 0	2 5	2 8
HUBNER H9015	105 9	105 6	106 2	30 8	166 6	95 5	94 3	52 3	1 8	2 3
NC+ 6414	107 2	100 5	105 3	31 2	158 6	94 7	98 7	47 3	2 5	1 8
DEKALB DK677	107 9	96 1	99 6	31 4	151 7	89 6	96 7	41 7	2 0	2 8
EASTLAND E7810	108 3	105 3	104 2	31 5	166 2	93 7	100 3	42 0	2 0	2 2
GREAT LAKES GL632	108 6	101 4	104 9	31 6	160 1	94 3	100 7	43 0	2 2	2 2
TERRA TR1090	110 0	95 4	92 5	32 0	150 5	83 2	96 7	46 3	2 5	2 8
MEANS	102 6	98 3	100 8	29 9	155 1	90 7	97 0	48 4	2 4	2 4
LSD (.05)	3 2	6 3	7 8	0 9	10 0	7 0	5 5	6 4	0 4	0 6
LOCATION MEANS										
Juniata	102 3	97 9	99 8	26 7	139 6	95 6				
Lycoming	103 4	95 9	99 4	27 4	191 9	98 6	97 0	48 4	2 4	
Clinton	103 3	98 8	99 9	32 7	181 7	99 3				
Blair	103 6	97 0	95 3	32 5	126 7	87 8				
Dauphin	99 9	102 5	100 9	26 7	158 2	95 7				
Centre	102 3	98 0	115 7	33 2	132 4	67 0				2 4

NEW ENTRIES

Table 2 Late medium-season hybrid performances (Maturity Zone 3) Combined Penn State Commercial New Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	GLS RATING	NLS RATING
TERRA TR1050	88 3	86 5	90 4	26 1	133 0	82 9	83 6	38 8	2 7	2 8
HY PERFORMER HS9408	91 3	87.9	93 7	27 0	135 2	85 9	94 1	42 6	3 0	3 2
AGWAY AG EXP 611	93 8	93 2	100 3	27 8	143 3	92 0	99 0	45 6	3 3	3 1
ICI 8326	95 3	108 7	99 1	28 2	167 2	90 9	98 6	47 7	2 8	3 3
GREENLAND GL262	96 0	107 3	96 6	28 4	165 0	88 6	96 8	45 4	2 7	3 0
PIONEER 3295	96 1	105 5	103 3	28 5	162 2	94 7	99 8	50 1	2 5	1 3
DOEBLER'S 66XP	97 0	100 8	93 8	28 7	155 1	86 0	93 2	47 9	2 3	2 3
HALSEY H1115	97 0	96 5	99 5	28 7	148 4	91 2	89 7	44 9	2 5	2 6
HARDY HB6923	97 4	95 4	97 6	28 8	146 7	89 5	89 3	45 6	2 0	2 9
EASTLAND 3X717	97 5	81 9	98 5	28 8	125 9	90 3	96 5	47 0	2 0	2 0
TERRA TR1101	98 4	99 6	102 1	29 1	153 1	93 6	89 8	42 7	2 2	1 8
AGWAY AG EXP 712	99 5	105 3	95 9	29 4	161 9	87 9	96 1	46 8	2 8	3 0
TERRA TR1120	99 6	103 1	101 1	29 5	158 6	92 7	93 7	47 3	2 5	3 2
NC+ 6485	99 8	104 4	104 4	29 5	160 6	95 8	99 5	51 7	2 6	2 8
DEKALB DK623	100 3	97 8	97 7	29 7	150 4	89 6	96 1	43 5	2 9	3 1
FUNK S G-4543	100 4	99 6	98 6	29 7	153 1	90 4	92 1	48 9	2 3	3 0
GREAT LAKES GL587	100 4	95 9	101 7	29 7	147 4	93 2	97	43 6	2 4	1 9
ASGROW RX767	100 5	88 0	104 2	29 7	135 4	95 5	94 2	46 2	2 3	3 0
CARGILL 8127	100 7	101 1	99 4	29 8	155 5	91 1	102 4	46 8	2 5	2 9
NC+ 6959	101 6	98 1	103 2	30 1	150 8	94 7	100 0	52 8	2 5	2 0
HORST 801	101 7	90 6	101 7	30 1	139 2	93 2	92 4	46 9	2 4	2 8
DEKALB DK636	102 1	96 9	100 4	30 2	149 1	92 0	94 3	45 3	2 5	3 3
WETSEL PX115	102 5	103 9	101 6	30 3	159 8	93 2	93 6	45 4	2 2	3 1
HARDY HB6407	102 8	105 1	99 4	30 4	161 7	91 2	94 9	46 0	2 5	2 8

(Turn to Page 40)

Corn Growers To Debate Resolutions

ST. LOUIS, Mo. — Corn growers will debate a multitude of resolutions on a variety of issues during the upcoming annual meeting of the National Corn Growers Association (NCGA).

The farmer-led organization holds its annual meeting in conjunction with Corn Classic, Feb. 21-23, in San Antonio, Texas.

Among the key issues farmers will tackle are the wetlands and trade policy. They will also wrestle with the issue of water quality.

"The resolutions process is initiated by farmers at the grassroots level," said NCGA President Randy Cruise, a corn farmer from southcentral Nebraska.

"Each corn grower has the opportunity to help establish policy and direction for our association," he said. "NCGA is built on the fundamental principle that farmers provide the leadership."

As part of the first voting delegates session, corn growers will hear all of the resolutions read. At the second session, they will discuss and vote on each resolution. Amendments to resolutions may be made from the floor by voting delegates.

In addition to establishing NCGA policy at Corn Classic, growers will participate in a variety of educational opportunities. They'll also attend an extensive trade show and enjoy an evening of entertainment by country music stars Crystal Gayle and Lionel Cartwright.

For more information about the resolutions process, contact your state corn growers association. To register for Corn Classic, call NCGA at (314) 275-9915.

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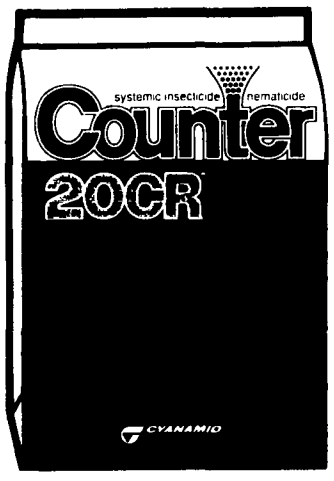

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(Maturity Zone 3

(Continued from Page 39)

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AGRI GENE GA8559	103 4	98 4	90 7	30 6	151 3	83.2	91.9	44 7	2.5	3 0
ICI 8260	103 7	102 8	95 6	30.7	158 2	87.7	97.1	43 3	2.7	2 4
SCHLESSMAN SX722	103 8	106 1	98 9	30 8	163 2	90 7	98 8	39 0	2 3	1 9
HARDY HB6270M	104 3	94 6	100 9	30 9	145 6	92 6	91.6	45 1	2 0	1 4
EASTLAND E799	104 4	101 5	104 6	30 9	156 2	95 8	94 5	49 3	2 8	2 9
DOEBLER'S 75X2	104 6	104 2	101 3	31 0	160 3	92 9	95.4	51 1	2 2	2.2
NORTHRUP KING X748	105 3	94 5	101 0	31 2	145 4	92 6	92.7	50 4	2.3	2 3
HALSEY EX2116	105 3	94 1	100 6	31 2	144 7	92 3	85 9	41 9	4 9	3 3
HUBNER H9017	105 5	98 9	104 6	31 2	152 1	95 9	100 0	52 1	1 9	1 0
AGWAY AG EXP 711	105 9	102 6	104 0	31 4	157 7	95 4	101 3	43 8	2 0	2 2
FUNK'S G-4624	106 5	107 3	89 6	31 5	165 0	82 2	92 5	46 1	2 1	1 5
MEANS	100 5	98 8	99 3	29 7	152 0	91 1	94 7	46 3	2 5	2 6
LSD (05)	4 1	7 0	8 7	1 2	10 7	8 0	3 6	3 8	1 2	0 4
LOCATION MEANS										
Juniata	99 0	95 9	101 1	26 2	133 5	95 6				
Lycoming	102 8	91 7	99 8	29 1	180 3	99 2	98 5	48 8	2 5	
Clinton	100 1	111 9	96 9	31 7	187 0	87 5				
Blair	99 6	102 8	98 5	32 2	123 1	90 0				
Dauphin	99 2	102 1	99 6	26 5	157 8	95 3				
Centre	101 3	95 3	100 0	32 7	130 0	78 7	91 0	43 8		2 6

TWO-YEAR AVERAGE PERFORMANCE

Table 3 Late medium-season hybrids mean performance, 1991-1992 (Maturity Zone 3)

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT
PIONEER 3527	91 5	94 5	102 6	23 7	124 0	97 0
MUNCY CHIEF XA560	94 2	83 8	99 0	24 4	110 0	93 6
PIONEER 3394	95 6	99 1	102 5	24 8	130 0	96 9
NORTHRUP KING N6330	96 1	91 9	100 4	24 9	120 6	94 9
PIONEER 3295	96 5	101 1	99 5	25 0	132 7	94 0
GREENLAND GL 240	97 3	103 8	100 8	25 2	136 2	95 3
DOEBLER'S 66XP	97 7	98 2	97 4	25 3	128 8	92 0
DOEBLER'S 73XP	98 8	105 2	98 3	25 6	138 0	92 9
FUNK'S G-4530	99 2	99 8	102 8	25 7	130 9	97 1
PIONEER 3293	100 0	103 0	103 5	25 9	135 1	97 8
AGRI GENE GA6951	100 4	99 8	100 0	26 0	130 9	94 5
PIONEER 3241	100 8	102 1	99 6	26 1	134 0	94 1
AGWAY AG710	100 8	99	99 9	26 1	131 0	94 4
HYTEST HT7510	100 8	95 2	98 9	26 1	124 9	93.5
FUNK'S G-4543	101 5	99 6	99 3	26 3	130 7	93 8
DEKALB DK 636	101 5	99 2	100 3	26 3	130 1	94 8
CARGILL 8127	101 9	98 8	98 9	26 4	129 6	93 5
JACQUES 7970	101 9	98 3	93 1	26 4	129 0	88 0
DOEBLER'S 69XP	101 9	93 8	101 3	26 4	123 1	95 7
HY PERFORMER HS9592	102 3	100 2	101 3	26 5	131 5	95 7
DEKALB DK646	102 7	108 5	101.1	26 6	142 4	95 5
SCHLESSMAN SX711	102 7	100 5	99 6	26 6	131 8	94 1
CARGILL 7997	102 7	98 5	102 9	26 6	129 2	97 2
HALSEY H1120	103 1	105 6	99 8	26 7	138 5	94 3

SILAGE ENTRIES

Table 4 Silage performance of late medium-season hybrids (Maturity Zone 3)

BRAND-HYBRID	YIELD (T/A)	%H_2O PLANT	DRY MAT PLANT(T/A)
HARDY HB6407	18 8	70 0	6 6
HALSEY H1120	19 0	69 8	6 6
DEKALB DK677	20 2	71 6	7.1
AGWAY AG 710	20 2	71 1	7 1
HALSEY H2116	20 3	70.1	7 1
AGWAY AG 824	21 3	73 6	7 5
DEKALB DK646	21 9	69 7	7 6
PIONEER 3293	23.2	67 7	8 1
AGWAY AG 788	23 3	69 6	8 2
PIONEER 3140	23 7	71 1	8 3
PIONEER 3241	23 8	68 1	8 3
AGWAY AG 797	24 4	71 4	8 5
PIONEER 3394	25 0	65 9	8 8
AGWAY AG EXP 711	25 2	70 8	8 8
NORTHRUP KING X748	25 6	70 4	9 0
EASTLAND E799	25 8	69 2	9 0
NC+ 7507	26 0	69 9	9 1
ASGROW RX897	26 1	70 7	9 1
DOEBLER'S D82XP	26 2	70 9	9 2
DOEBLER'S 75XMOD2	27 3	67 9	9 5
MEANS	23 4	70 0	8 2
LSD (05)	5 4	3 0	1 9
EASTLAND E799	103.1	102.0	103.6	26.7	133.8	97.9
HY PERFORMER HS9502	103.5	97.3	102.4	26.8	127.6	96.8
DOEBLER'S 75X	103.5	95.9	100.7	26.8	125.8	95.2
NC+ 6414	103.9	104.1	103.0	26.9	136.6	97.3
COKER 8625	103.9	100 0	100.1	26.9	131.2	94.6
JACQUES 8210	103 9	96 3	95.1	26 9	126 4	89.9
TERRA TR1090	193.9	94 6	96.5	26.9	124.1	91.2
AGWAY AG797	104.6	108.2	102.2	27.1	141.9	96.6
HUBNER H9115	104.6	104.6	103.7	27.1	137.2	96.0
WETSEL W80	105.0	97.6	100 4	27.2	128.0	94.9
DEKALB DK677	105 0	95.7	99 6	27.2	125 5	94 1
HUBNER H9015	105 4	105.9	103 4	27.3	138.9	97.7
EASTLAND E7810	105.8	98.6	102.3	27.4	129.4	96.7
GREAT LAKES GL638	106.2	103.5	102.6	27.5	135.8	97.0
MEANS	101.4	99 6	97 8	26 3	130.7	95 0
LSD (.05)	3 0	10 5	4 6	0 8	11.4	4 2

Results of the tests for short-season, early medium-season, late medium-season, and late-season hybrids are available as separate reports from county offices of Penn State Cooperative Extension

Members of the county based extension staff assisted in conducting these tests. Their efforts were essential to the successful completion of the trials, and were greatly appreciated

This report represents the combined efforts of extension, research, and service personnel in the Departments of Agronomy and Plant Pathology (M W Johnson, and J E Ayers)

The tables in this report may be reproduced only in their entirety

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5M191PS

Late-season hybrids (Maturity Zone 4) 1992 results

Growing conditions

Weather and soil conditions for planting were not good during late April and were variable throughout this maturity zone during the first two weeks of May. Planting was accomplished in Cumberland, Franklin, Lehigh, and Berks counties May 4 through 6; Lancaster County tests were not planted until May 14 and 15 because the fields were too wet. The corn germinated and emerged well at all sites, but growth was slow through May and early June because temperatures were below normal. Plant stand at the Cumberland County location was reduced by herbicide damage. The entire growing season was cooler and wetter than normal. Thus, corn development and maturation were delayed. Grain dry-down was delayed and moisture levels were high. Harvesting was begun late in October and completed the second

(Turn to Page 41)

ATTENTION PENNSYLVANIA CORN GROWERS
IMPORTANT RESEARCH NEWS

For the second year in a row, at Penn State University, Agway 797 and DeKalb 646 outyielded every other variety in that same trial. Here are the results:

1992		1991	
Variety	Yield	Variety	Yield
Agway 797	168.8 Bu.	DeKalb 646	118.1 Bu.
DeKalb 646	166.6 Bu.	Agway 797	114.9 Bu.

Listed below are the Pioneer, Funk's and Doebler's varieties that were entered in 1991 and 1992. All yielded less than Agway 797 and DeKalb 646.

1992		1991	
Doebler 73XP	Doebler 75X	Doebler 73XP	Funk G-4543
Funk G-4530	Pioneer 3527	Pioneer 3295	Doebler 81XP
Pioneer 3293	Pioneer 3241	Pioneer 3293	Doebler 64XP
Doebler 66XP	Pioneer 3394	Pioneer 3394	Doebler 66XP
Pioneer 3295	Doebler 69XP	Pioneer 3343	
Funk G-4543			

Additional research news from the University of Delaware

Delaware Field Corn Performance Trials

Agway 797 was the #1 yielding variety in the early-medium maturity class (combined sites) for both 1991 and 1992.

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DEKALB

For complete details, refer to the 1991 and 1992 Pennsylvania Commercial Hybrid Corn Tests Report and the Delaware Hybrid Field Corn Performance Trials Report.

AGWAY

Maturity Zone 4

(Continued from Page 40)

week of November. Grain moisture level was higher than normal at all locations.

Diseases, insects, and other pests

High levels of moisture, cool nights, heavy morning dews, and foggy mornings in the valley areas were conducive to the development of leaf diseases in late summer and early fall. Both gray leaf spot (GLS) and northern leaf spot (NLS) were common in susceptible lines. Ratings for both were taken and are reported in Tables 1 and 2.

Tests at the Lancaster location were inoculated with the pathogens causing northern leaf blight (NLB) and NLS. The ratings for NLS are included in the tables. Some stalk rot was noted at all locations but especially where the incidence of GLS and corn borer were high.

Corn borer infestation was very high in the Lancaster tests resulting in greater than normal stalk breakage and ear drop. The other locations did not have such high infestation. Animal damage was insignificant at these locations.

Interpretation of results

Least significant differences (LSD) is the tool used to determine if two average values are actually different statistically. The difference between two hybrids must exceed the LSD value to be considered significantly different. Example for yield: LSD = 8.1 Bu/A; Hybrid X = 120.0 Bu/A; Hybrid Y = 105.0 Bu/A; 120.0 - 105 = 15.0 Bu/A difference. Since the difference between Hybrid X and Y (15.0 Bu/A), exceeded the LSD (8.1 Bu/A), hybrid X was higher yielding due to hybrid superiority and not simply as a result of uncontrolled environmental factors.

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

ADVANCED ENTRIES

Table 1 Late-season hybrid performances (Maturity Zone 4) Combined Penn State Commercial Advanced Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	GLS RATING	NLS RATING
PIONEER 3241	94 1	113 2	101 9	25 8	181 7	98 7	95 7	45 7	1 7	1 0
PIONEER 3293	94 2	107.1	101 3	25 8	172 0	98 1	94 0	48 0	1 8	1 5
MUNCY CHIEF XA777	94 6	86 1	96 4	25 9	138 2	93 4	93 3	44 3	2 0	2 5
FUNK'S G-4626	97 0	99 3	99 6	26 6	159 4	96 5	97 7	46 3	2 8	3 5
DOEBLER'S 84XP	97 5	100 2	100 0	26 7	160 8	96 9	91 7	44 0	2 2	3 8
CARGILL 8127	97 8	109 7	98 0	26 8	176 0	95 0	95 3	47 0	2 2	3 3
PIONEER 3245	97 9	103 6	100 1	26 8	166 4	97 0	91 3	35 3	2 2	2 3
GREENLAND GL270	98.2	108 7	100.3	26 9	174 5	97 2	94 0	50 0	1 3	2 0
HUBNER H9115	98 2	102 9	99 6	26 9	165 2	96 5	94 3	50 0	2 0	2 8
TERRA TR1160	99 5	104 1	100 0	27 3	167 0	96 9	89 0	44 0	3 3	3 3
PIONEER 3140	99 7	110 5	101 0	27 3	177 4	97 9	95 3	49 0	1 3	2 6
AGWAY AG 836	99 7	98 2	100 7	27 3	157 7	97 6	94 7	44 0	2 7	3 3
ASGROW RX899	99 8	107.7	99.5	27 4	172 9	96 4	89 7	47 7	1 7	2 5
HY PERFORMER HS9704	100 3	101.7	100 4	27.5	163 2	97 3	93 3	48 7	2 8	2 5
HYTEST HT7728	100 4	105 5	98 3	27 5	169 3	95 2	90.0	48 7	1 8	2 0
DOEBLER'S 75X2	100 4	109 3	99 4	27 5	175 4	96 3	87 0	45 7	2 0	2 3
AGWAY AG 824	101 0	98 3	99 3	27.7	157 7	96 2	91 0	45 7	2 0	2 3
GREENLAND GL345	102 0	114 1	99 6	27 9	183 1	96 5	90 0	46 7	1 8	2 5
JACQUES 8510	102.0	107 5	99 3	28 0	172.6	96 2	90 0	44 7	1.7	2 8
EASTLAND E886	102 3	96 0	100 6	28 0	154.1	97.7	89 7	40 3	2 2	2 2
FUNK'S G-4624	103 6	109.4	100 8	28 4	175 5	97 7	98 0	47 3	2 2	2 3
HY PERFORMER HS9773	104 1	103 3	97 2	28 5	165 8	94 2	90 3	50 0	2 8	2 5
NORTHRUP KING N8727	104 8	112 2	99.3	28 7	180 1	96 2	91 0	42 7	2 3	3 0
FUNK'S G-4671	104 8	114 1	99 3	28 7	183 1	96 2	92 0	45 7	1 0	0 7
JACQUES 9220	105.2	114 0	99 6	28 8	183 0	96 5	95 3	49 7	1 3	2 3
PIONEER 3192	106 0	94.9	101.6	29 0	152 3	98.5	91 0	38 3	1 5	1.5
CARGILL 8427	106 2	100 3	100 3	29 1	161.1	97.2	90 0	40 7	1 8	2 8
CARGILL 9027	108 4	107.7	99 5	29 7	172 9	96 4	94 7	41 7	1 8	2 8
MEANS	100 7	105 0	99 8	27 6	168 5	96 7	92 5	45 4	2 0	3 3
LSD(.05)	3 5	7 5	2 3	1 0	11 2	2 3	9 8	8 3	0 7	1 1
LOCATION MEANS										
Lancaster	101 7	106 3	100 1	26 6	136 7	87 0	92 5	45 4		3 3
Lehigh	101 1	99 3	100.0	28 6	170 7	99 3				
Franklin	97 8	112 1	99 6	29 3	181 1	98 4				
Franklin	101 0	106 5	100 0	25 5	167 0	98 2			2 0	
Cumberland	102 5	102 0	99 4	26 4	172 4	97 9				
Berks	99 6	104 5	99 6	29 2	183 2	99 3				

NEW ENTRIES

Table 2 Late-season hybrid performances (Maturity Zone 4) Combined Penn State Commercial New Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	GLS RATING	NLS RATING
HARDY HB6345	96 0	104 8	99 6	26 2	165 4	96 0	85 7	45 7	2 3	2 5
DOEBLER'S 84XP	96 5	100 8	100 9	26 3	159 1	97 3	87.3	44 0	2 5	3 2
FUNK'S G-4626	97 0	101 7	100 5	26 5	160 5	96 9	93 7	45 3	2 2	3 0
ASGROW RX897	97 8	104 4	101 1	26 7	164 8	97 4	93 3	47 0	2 3	2 5
HARDY HB6334	98 0	102 3	99 6	26 8	161 5	96 0	86 7	44 3	2 0	2 5
ICI 8326	98 2	103 3	97 9	26 8	163 0	94 3	87 7	38 7	2 7	3 0
HY PERFORMER HS9843	98 7	106 8	98 4	26 9	171 7	94 9	85 7	46 3	2 2	2 0
EASTLAND E886	99.2	97 9	100.4	27 1	154 5	96 8	84 7	35 3	2 2	2 3
CARGILL 8127	100 1	103 6	98 7	27 3	163 5	95 1	91 7	45 0	2 2	3 2
TERRA TR1120	100 2	96 3	99 3	27 3	152 0	95 7	82 3	39 3	2 3	3 0
HYTEST HTX7748	101 2	101 8	101 0	27 6	160 6	97 3	88 0	47 7	2 3	2 0
DOEBLER'S 87XP	101 2	104 8	101 1	27 6	165 4	97 4	82 7	40 3	2 0	1 5
ICI 8260	102 3	108 9	98 6	27 9	171 8	95 0	85 0	43 7	2 7	2 5
MUNCY CHIEF XA7766	102 4	96 2	100 8	28 0	151 8	97 2	86 0	34 7	2 0	2 3
DOEBLER'S 82XP	103 0	99 0	100 1	28 1	156 2	96 5	89 0	48 0	2 2	1 8
FUNK'S G-4672	103 3	100 4	100 5	28 2	158 3	96 9	85 7	40 0	1 8	2 0
TERRA TR1145	103 4	103 8	100 8	28 2	163 9	97 2	87 3	36 3	2 2	1 8
MUNCY CHIEF XA7790	103 4	94 6	100 0	28 2	149 3	96 4	83 3	39 3	2 5	2 7
HY PERFORMER HS9905	104 5	102 0	100 8	28 5	161 0	97 2	84 3	40 3	1 8	2 2
HUBNER H9018	104 8	113 0	97 5	28 6	178 4	94 0	89 3	44 0	2 0	1 7
TERRA TR1180	106 9	102 8	101 3	29 2	162 3	97.7	85 7	42 0	2 0	2 0
PIONEER 3192	107 1	95 9	99 5	29 2	151 3	95 9	87 0	37 0	2 3	1 0
MEANS	101 1	102 2	99 9	27 6	161 2	96 3	86 9	42 0	2 2	2 3
LSD (05)	4 7	8 7	2 4	1 1	13 7	2 3	6 9	7 6	0 8	0 9
LOCATION MEANS										
Lancaster	102 2	102 9	100 5	25 9	121 7	83 6	86 9	42 0		2 3
Lehigh	100 5	101 1	100 1	28 7	167 4	99 3				
Franklin	104 2	100 7	99 9	28 4	183 6	98 5				
Franklin	99 5	105 4	99 5	25 4	169 1	98 5			2 2	
Cunberland	101 5	103 6	100 7	28 0	142 2	98 6				
Berks	99 0	100 3	99 9	29 3	183 2	99 5				

TWO-YEAR AVERAGE PERFORMANCE

Table 3 Long season hybrids mean performace, 1991-92 (Maturity Zone 4)

BRAND-HYBRID	PERCENT-OF-CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT
PIONEER 3293	94 3	102 8	100 1	23 2	152 4	98 7
FUNK'S G-4626	96 3	101 6	100 0	23 7	150 5	98 6
PIONEER 3241	96 7	104 2	99 9	23 8	154 4	98 5
PIONEER 3245	96 7	99 1	99 5	23 8	146 8	98 1
HUBNER H9115	97 6	104 6	98 4	24 0	155 0	97 0
CARGILL 8127	97 6	103 9	100 6	24 0	154 0	99 2
HY PERFORMER HS9704	99 2	97 5	99 8	24 4	144 5	98 4
DOEBLER'S 75X2	99 6	107 5	99 2	24 5	159 3	97 8
DOEBLER'S 84XP	99 6	98 7	99 7	24 5	146 2	98 3

SILAGE ENTRIES

Table 4 Silage performance of late season hybrids (Maturity Zone 4)

BRAND-HYBRID	YIELD (T/A)	%H_2O PLANT	DRY MAT PLANT(T/A)
MUNCY CHIEF XA777	16 3	67 7	5 7
EASTLAND E886	18 7	66 1	6 5
WETSEL S120	19 3	64 8	6 8
PRAIRIE STREAM SX704	19 9	66 2	6 9
DOEBLER'S 944-3	20 2	66 2	7 1
MUNCY CHIEF XA7790	20 5	65 8	7 2
PRAIRIE STREAM SX2023	20 6	68 8	7 2
DOEBLER S 86XA-2	20 8	66 6	7 3
PIONEER 3293	21 0	62 2	7 4

(Turn to Page 43)

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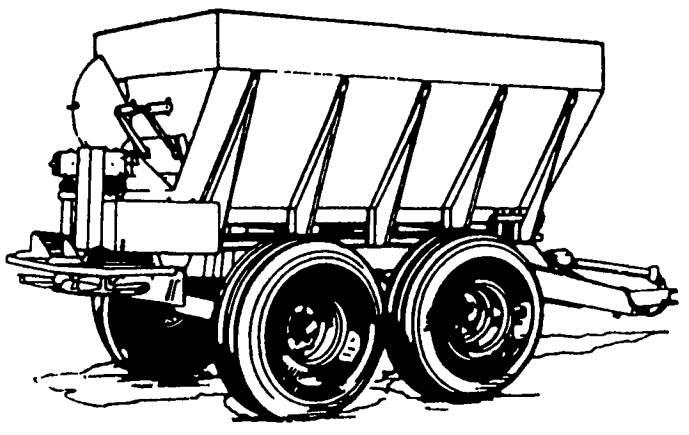

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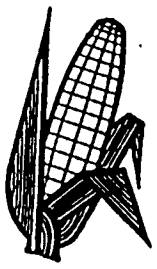

1992 Corn Club Budget Summary

Jayson K. Harper
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Penn State
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Assistant Professor
Agronomy
Penn State

Crop enterprise budgets are an important farm management tool. Budgets summarize the cost of production and the returns from a given crop enterprise. Budgets can be developed as 1) projections prior to planting and 2) after harvest to check the economic performance of the crop enterprise. In this way, budgets can be used to 1) estimate cash flow, 2) provide a basis for credit, 3) assist in farm planning, and 4) develop least cost feed rations. They can also be used to help indicate possible areas of inefficiency on your operation. The information contained in these summaries along with farm specific data can be used to help develop corn cost of production projections for the 1993 growing season. Budgets for other crops on your farm can be developed in a similar manner. Land changes have not been reported in any of the budget summaries. Because land charges (principal and interest payments, taxes, rent) are so variable and location specific, the bottom line has been reported in these summaries as "Returns to Land and Management". When preparing your own budgets, land charges should be included so that all relevant costs are considered when gauging the performance of the crop enterprise. The agricultural value of the land should be used rather than the market value. Market value includes the "development" or "speculative" value of the land, which the corn enterprise should not be expected to cover.

Table 1 contains statewide budget summaries for corn grain and silage. Averages, standard deviations, and ranges are given for each budget item. The standard deviation and range give us an idea of the variability of the budget data. The standard deviation can be used to construct confidence intervals for the average values. We would expect about 68% of all farmers to fall within ±1 standard deviation of the average, 95% to fall within ±2 standard deviations, and 99.7% to fall within ±3 standard deviations. For instance, using the returns to land and management from Table 1, we would expect 68% of the grain farmers to fall between $57.64 and $265.04 per acre. The range gives the lowest and highest values reported for each budget item. The results indicate grain farmers spent $31.34 more on average to grow the crop and silage farmers have slightly more money tied up in machinery. The high returns from silage are somewhat misleading, in that only limited opportunities for selling silage may exist and transportation costs associated with the sale of silage have not been included.

Table 2 contains regional budget summaries for corn grain. The state was broken down into four regions comprised of counties with roughly similar production characteristics. The four regions, 1) Southeast, 2) Central Valley, 3) Northeast, Northern Tier and, Central Mountains, and 4) West, are shown in Figure 1. The results indicate that in 1992, Southeast farmers produced corn for the lowest cost per bushel on average, due to their having the highest average yield and lowest cost of production of the four regions.

Table 3 contains budget summaries for corn grain by tillage practice. The three tillage practices represented in the budgets are conventional tillage, minimum tillage, and no-till. In 1992, no-till farmers reported the highest yields, followed by minimum tillage. Total variable costs were highest for minimum tillage, followed by no-till. As expected, herbicide costs are higher and machinery operating expenses lower under no-till. Farmers using minimum tillage reported higher cost for crop drying, while no-till farmers had the highest custom hire charges. Machinery ownership costs were almost twice as high on average for conventional and minimum tillage as no-till. The difference in total cost, along with the higher yield, made no-till the most profitable on average in 1992.

Table 1. Grain and Silage Budget Summaries, Five Acre Corn Club, 1992 Crop Year

	Grain Production Budget Summary (56 records)					Silage Production Budget Summary (11 records)				
	Average	Standard Deviation	Range Low	Range High		Average	Standard Deviation	Range Low	Range High	
Receipts										
Yield (bu.)	159 4	32 9	44 6	210 7	(tons)	25.3	4.0	19 0	32 4	
Price ($/bu.)	$2.26	$0.21	$1 94	$3.00	($/ton)	$28.09	$5.20	$20 00	$40.00	
Deficiency Payment	$0.07	$0.18	$0.00	$0.75		n/a	n/a	n/a	n/a	
Gross Returns	$373 76	$95.40	$93 66	$628.54		$704.39	$120 97	$400.00	$810 75	
Variable Costs										
Seed	$23.86	$6.24	$14.88	$60.00		$22.96	$5.06	$15.46	$33.79	
Fertilizer										
Preplant	$19.35	$24 83	$0.00	$129 94		$5.51	99 77	$0.00	$26 60	
Starter	$18.31	$10.63	$0.00	$46.50		$15 13	$7.82	$0.00	$28.00	
Sidedress	$10.23	$13.00	$0.00	$45.00		$2.22	$6.04	$0.00	$20.00	
Lime	$9.30	$7.37	$0.00	$25.00		$8.09	$4.39	$2.00	$18.00	
Herbicide	$19.43	$7.54	$0.00	$40.00		$21.86	$13.43	$0.00	$49.39	
Insecticide	$6.55	$5 77	$0.00	$16.10		$3.52	$5.29	$0.00	$14.00	
Machinery Operating	$22.70	$19 91	$0.00	$119 63		$27.34	$13 76	$9 85	$52.19	
Grain Drying	$18.00	$26.40	$0.00	$100.05		n/a	n/a	n/a	n/a	
Custom Hire	$6 17	$17 43	$0.00	$116.00		$6.76	$10.58	$0.00	$32.40	
Paid Labor	$9 48	$21 49	$0.00	$144 00		$6.68	$10.59	$0.00	$30.00	
Miscellaneous	$3 49	$7.82	$0.00	$45.00		$7.30	$13.05	$0 00	$46.00	
Interest on Operating Capital	$9 83	$2.30	$0.00	$17.83		$4 70	$1.30	$2.68	$6 61	
Total Variable Cost	$173 72	$58 67	$54 47	$320 76		$132.05	$22 10	$93.86	$165.06	
Fixed Costs										
Machinery Ownership	$38 70	$20.95	$0.00	$125 41		$49.02	$26 48	$10 65	$102.66	
Total Specified Costs	$212.42	$60 42	$114 48	$379 83		$181 08	$23 62	$130 79	$215.61	
Returns to Land and Mgt.	$161.34	$103 70	($196.35)	$373.22		$523.31	$111.31	$269 21	$637 87	
Breakeven Price ($/bu)	$1 45	$0.85	$0.65	$6.50	($/ton)	$7 29	$1.35	$5.35	$9 61	
Breakeven Yield (bu./A)	93 7	24 9	54 2	156.3	(ton/A)	6 6	1.0	4 6	8 2	

Note. Land Charges have not been included in the calculations for Breakeven Price or Breakeven Yield
n/a. not applicable

Table 2. Grain Budget Summaries, by Production Region, Five Acre Corn Club, 1992 Crop Year

	Southeast (20 records)		Central Valley (16 records)		Northeast, Northern Tier, and Central Mountains (10 records)		West (10 records)	
	Average	Standard Deviation	Average	Standard Deviation	Average	Standard Deviation	Average	Standard Deviation
Receipts								
Yield (bu.)	,76.4	18.8	161.3	29 9	119.2	33 9	162.7	27.7
Price ($/bu.)	$2.19	$0 11	$2.36	$0.22	$2.24	$0.27	$2.30	$0.24
Deficiency Payment	$0.01	$0.02	$0.19	$0.27	$0.05	$0 15	$0.05	$0 16
Gross Returns	$386 94	$48.35	$414.52	$113.31	$274.51	$88 01	$381 46	$84 78
Variable Costs								
Seed	$25.59	$8.85	$23 75	$4 23	$21 11	$4 46	$23.37	$2.71
Fertilizer								
Preplant	$17.55	$16.31	$19 63	$28 16	$25 47	$40 16	$16.40	$14 60
Starter	$16.55	$11 72	$18.49	$12.32	$18.58	$8.83	$21.09	$7 41
Sidedress	$8 15	$12.33	$13 16	$14 15	$9 85	$15.34	$10 10	$10 88
Lime	$6 08	$5 18	$11 19	$8.46	$8 14	$5.36	$13.86	$8.57
Herbicide	$18 63	$8 98	$20.24	$7.04	$21 15	$7 94	$18.03	$4 84
Insecticide	$7 09	$5.24	$7 69	$5 93	$3.22	$5.47	$7 00	$6 42
Machinery Operating	$22 64	$25.66	$24.70	$18 77	$27 19	$17 76	$15 12	$5 96
Grain Drying	$13 79	$25.44	$21 95	$21.82	$3 77	$11 92	$34.34	$36 97
Custom Hire	$12.01	$26.54	$3 62	$7 48	$0.30	$0.95	$4 45	$12.07
Paid Labor	$5.41	$13.59	$10.00	$9 61	$20.00	$45.14	$6.28	$8.59
Miscellaneous	$3 71	$10.38	$5 94	$8.26	$2.60	$2.74	$0 00	$0 00
Interest on Operating Capital	$4 68	$1 63	$5.56	$2.03	$4.59	$3.07	$15.42	$21 04
Total Variable Cost	$161 97	$48 23	$185 91	$72 82	$165 97	$50 91	$185 45	$62.47
Fixed Costs								
Machinery Ownership	$32.23	$24 98	$38 73	$16.56	$45 10	$17.53	$45.22	$20.33
Total Specified Costs	$194 19	$43 63	$224 64	$71.52	$211.07	$56.04	$230 67	$69.83
Returns to Land and Mgt.	$192 74	$63 71	$189.87	$109 90	$63 44	$113.05	$150 79	$99 13
Breakeven Price ($/bu)	$1 11	$0.28	$1 44	$0.59	$2.13	$1 62	$1 46	$0.50
Breakeven Yield (bu./A)	89 0	21 0	94 8	26 3	94 1	23.3	101 1	32 4

Note: Land Charges have not been included in the calculations for Breakeven Price or Breakeven Yield.

Table 3. Grain Budget Summaries, by Tillage Practice, Five Acre Corn Club, 1992 Crop Year

	Conventional Tillage (29 records)		Minimum Tillage (19 records)		No-Till (6 records)	
	Average	Standard Deviation	Average	Standard Deviation	Average	Standard Deviation
Receipts.						
Yield (bu.)	150.8	36.6	164.1	27.0	173 6	21.5
Price ($/bu.)	$2.26	$0.21	$2.29	$0.22	$2.24	$0.17
Deficiency Payment	$0.09	$0.21	$0.08	$0.18	$0.00	$0.00
Gross Returns	$357.34	$115.93	$387 59	$66.30	$391.47	$72.20
Variable Costs:						
Seed	$23.65	$4.39	$22.94	$3.28	$27.79	$15.91
Fertilizer						
Preplant	$20.52	$26.87	$16.52	$23.03	$25.88	$25.80
Starter	$18 77	$11.76	$19.63	$10 62	$13.95	$4.23
Sidedress	$9.80	$14.84	$12.13	$10.79	$9.75	$12.28
Lime	$9 04	$7.58	$10.53	$7.97	$8.17	$4.71
Herbicide	$18 67	$6.43	$19.65	$5.20	$25.31	$13.22
Insecticide	$6 15	$6 00	$8.00	$5.46	$6.08	$5.56
Machinery Operating	$25 70	$23.33	$20.48	$16.32	$13.42	$7.31
Grain Drying	$13 46	$24.05	$24.48	$31.50	$15.96	$14.19
Custom Hire	$1.19	$4.43	$9.43	$12.84	$21.00	$46.71
Paid Labor	$6 24	$10.16	$16.59	$33 96	$5.80	$6.83
Miscellaneous	$4 56	$9.91	$2.52	$4.38	$0 00	$0.00
Interest on Operating Captial	$6 37	$9.76	$8 05	$11.43	$6.36	$1.41
Total Variable Cost	$164 11	$57 62	$190 97	$62 26	$179 47	$42 92
Fixed Costs:						
Machinery Ownership	$39 71	$14.92	$40.10	$19.03	$20.09	$12.55
Total Specified Costs	$203 81	$59 90	$231 06	$67.84	$199.56	$38 15
Returns to Land and Mgt.	$153.53	$118.50	$156.53	$92.51	$191 91	$73.89
Breakeven price ($/bu.)	$1.53	$1.07	$1.46	$0.59	$1.16	$0.25
Breakeven Yield (bu./A)	90.0	23.6	101.1	29 4	89 1	16.4

Note: Land Charges have not been included in the calculations for Breakeven Price or Breakeven Yield.

Table 4. Grain Budget Summaries, by Yield Level, Five Acre Corn Club, 1992 Crop Year

	Top 25% (14 records)		High Middle 25% (14 records)		Low Middle 25% (14 records)		Bottom 25% (14 records)	
	Average	Standard Deviation	Average	Standard Deviation	Average	Standard Deviation	Average	Standard Deviation
Receipts								
Yield (bu.)	194 8	7.2	172.7	6.1	158.1	6.2	112.1	22.5
Price ($/bu.)	$2.24	$0.17	$2.35	$0.25	$2.19	$0.15	$2.27	$0 24
Deficiency Payment	$0.05	$0.14	$0.14	$0.25	$0.07	$0 19	$0.03	$0 13
Gross Returns	$445.83	$53.94	$430.62	$70.80	$358.20	$52.85	$260.41	$67 94
Variable Costs								
Seed	$26 80	$10.23	$25.00	$3.44	$23.22	$3 76	$20.44	$3.22
Fertilizer								
Preplant	$23.02	$21.45	$12.69	$18.22	$19 92	$15.06	$21 79	$39.00
Starter	$20 49	$12.03	$19.08	$8.50	$14.65	$10.13	$19.04	$11 74
Sidedress	$8 67	$12.21	$16.59	$14.47	$5 78	$9 77	$9 90	$13 92
Lime	$11.68	$7.05	$9 12	$9 78	$7 63	$5.30	$8.76	$6.87
Herbicide	$16.45	$8.86	$21.51	$7.27	$19.81	$5.94	$19.96	$7 69
Insecticide	$6 84	$5 92	$7.24	$5.20	$7 71	$5.60	$4.42	$4.24
Machinery Operating	$20 95	$11.42	$20.15	$19.84	$21.81	$29.36	$27.88	$15 68
Grain Drying	$21.26	26.24	$31.48	$34.51	$8 10	$14.05	$10.97	$22.34
Custom Hire	$4 36	$7.84	$4 66	$8.51	$15.46	$31.83	$0.21	$0 80
Paid Labor	$8 27	$16.64	$6 63	$8.25	$4.47	$6.33	$18.57	$37 99
Miscellaneous	$1 75	$4.24	$3 18	$5.28	$4 90	$11 78	$4 11	$8.27
Interest on Operating Capital	$8 61	$13.32	$8.70	$13 68	$5 45	$2.01	$4.58	$2.83
Total Variable Cost	$179 14	$51 76	$186.22	$69 11	$158.89	$44.49	$170 61	$68 41
Fixed Costs								
Machinery Ownership	$36.20	$28.51	$33 94	$11.21	$34.47	$23.48	$50.21	$13 17
Total Specified Costs	$215.34	$43.82	$220 16	$74 05	$193.36	$50 06	$220 82	$70 68
Returns to Land and Mgt	$230 49	$74 65	$210 46	$58 98	$164 84	$60 79	$39.58	$55 01
Breakeven Price ($/bu)	$1 11	$0.22	$1 27	$0 43	$1 22	$0.32	$2.19	$1.38
Breakeven Yield (bu./A)	96 9	23.5	93 0	27.5	88 4	22 7	96 7	27.3

Note: Land Charges have not been included in the calculations for Breakeven Price or Breakeven Yield.

Table 4 contains budget summaries for corn grain by yield level. Corn cost of production is broken down by four yield levels representing the top 25% of yields in 1991, the high middle 25%, the low middle 25%, and the bottom 25%. Total variable costs did not vary between yield levels as much in 1992 as they did in 1991. Machinery ownership costs were highest for the lowest yielding group and very similar for the other yield groups. As in 1991, the highest yielding group had the highest returns to land and management and the lowest breakeven price.

Table 5 contains budget summaries for corn grain by soil productivity group. Soils in Pennsylvania can be classified into five soil productivity groups. Group I soils are characterized as being well-drained and have a depth of greater than 40 inches. Group II soils can either be moderately well-drained soils with a soil depth of greater than 40 inches or well-drained soils with a soil depth of between 20 and 40 inches. Group III soils can be either moderately well-drained soils with a soil depth of 20 to 40 inches or well-drained soils with a soil depth of less than 20 inches. No budgets for Group IV or V soils were requested for 1992. Farmers producing corn on Group I soils had the highest yields on average in 1992 at 171.4 bu./A. Farmers growing corn on Group II soils reported the lowest average yield and a higher cost of production than farmers on Group I soils. The difference in returns to land and management between Group I and II soils was about $32 in 1992. The differences for Group III soils when compared to Groups I and II soils are very evident; total costs are higher and returns to land and management are substantially lower.

Table 5. Grain Budget Summaries, by Soil Productivity Group, Five Acre Corn Club, 1992 Crop Year

	Group I (23 records)		Group II (7 records)		Group III (11 records)	
	Average	Standard Deviation	Average	Standard Deviation	Average	Standard Deviation
Receipts						
Yield (bu.)	171.4	24.5	148.7	26.3	152.4	32.9
Price ($/bu.)	$2.27	$0.22	$2.28	$0 14	$2.32	$0.26
Deficiency Payment	$0 08	$0.21	$0.26	$0.25	$0.04	$0.14
Gross Returns	$404 49	$93 41	$383.30	$103.32	$356.53	$72.26
Variable Costs:						
Seed	$24.77	$8 67	$23.29	$2.51	$23.98	$9.06
Fertilizer						
Preplant	$19.71	$21.40	$10.91	$18.78	$9.06	$11.44
Starter	$16.64	$10.16	$16.44	$12.74	$18.84	$4.25
Sidedress	$10.77	$13.75	$9.98	$10.69	$13.14	$15.20
Lime	$7.79	$5.87	$12.71	$7.50	$10.77	$8.68
Herbicide	$20.78	$7.97	$20.26	$3.73	$16.34	$4.64
Insecticide	$5.76	$5.12	$10.46	$5.62	$6.35	$6.28
Machinery Operating	$23.50	$20.10	$19.72	$6.93	$17.95	$8.85
Grain Drying	$18.50	$25.32	$16.56	$25.39	$34.13	$35.10
Custom Hire	$10.75	$24.48	$2.41	$5.95	$4.23	$11.49
Paid Labor	$6.22	$13.42	$12.58	$7.58	$19.73	$43.26
Miscellaneous	$4.75	$9.66	$10.36	$10.48	$0.47	$1.57
Interest on Operating Captial	$5.24	$1.98	$5.94	$2.01	$14.47	$20.29
Total Variable Cost	$175.18	$58.37	$171.62	$51.88	$189.46	$62.06
Fixed Costs:						
Machinery Ownership	$30.02	$16.83	$43.97	$14.17	$45.94	$17.74
Total Specified Costs	$205.20	$53.40	$215.59	$51.98	$235.40	$70.04
Returns to Land and Mgt.	$199.29	$73.48	$167.72	$83.76	$121.13	$87.86
Breakeven Price ($/bu.)	$1.21	$0.31	$1.48	$0.38	$1.61	$0.58
Breakeven Yield (bu./A)	89.9	19.0	94.4	22.4	101.7	30 6

Note: Land Charges have not been included in the calculations for Breakeven Price or Breakeven Yield.

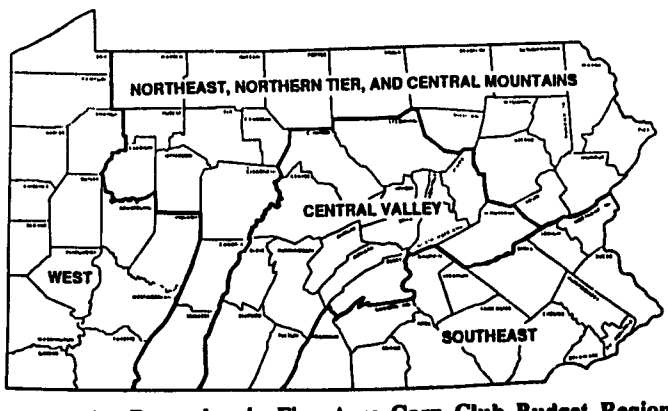

Figure 1. Pennsylvania Five Acre Corn Club Budget Regions

Maturity Zone 4

(Continued from Page 41)

PIONEER 3140	100 0	110 8	100 0	24 6	164 2	98 6
GREENLAND GL345	100 0	105 6	99 1	24 6	156 5	97 7
ASGROW RX899	100 0	105 5	99 3	24 6	156 4	97 9
FUNK'S G-4624	100.4	96 4	100 0	24 7	142 9	98 6
GREENLAND GL270	100 8	105 0	99 6	24 8	155 6	98 2
HYTEST HT7728	100 8	104 2	98 7	24 8	154 4	97 3
HY PERFORMER HS9773	100 8	100 7	97 7	24 8	149 2	96 3
JACQUES 8510	101 2	107 8	99 1	24 9	159 8	97 7
AGWAY AG836	101 2	97 0	99 6	24 9	143 7	98 2
FUNK'S G-4671	101 6	105 9	98 9	25 0	157 0	97 5
AGWAY AG824	102 4	96 7	99 7	25 2	143 3	98 3
JACQUES 9220	102 8	116 1	99 0	25 3	172 1	97.6
PIONEER 3192	102 8	101 5	100 0	25 3	150 4	98 6
EASTLAND E886	103 3	94 5	99 6	25 4	140 0	98 2
NORTHRUP KING N8727	105 7	103 3	98 7	26 0	153 1	97 3
CARGILL 8427	106 1	94 8	99 7	26 1	140 5	98 3
CARGILL 9027	106 5	104 5	99 4	26 2	154 9	98 0
MEANS	100 5	102 7	99 4	24 7	152 2	98 0
LSD (05)	2 5	5 7	1 4	0 6	8 1	1 3

NC252 X PA879	21 2	65 8	7 4
DOEBLER'S 82XP	21 2	65 7	7 4
PIONEER 3245	21 1	64 7	7 4
HARDY HB6334	21 4	66 5	7 5
PIONEER 3140	21 5	65 2	7.5
HARDY HB6345	22 1	62 1	7.7
ASGROW RX899	22 2	65 7	7 8
PIONEER 3241	22 4	62 4	7 8
DOEBLER'S 87XP	22 3	68 3	7 8
NC+ 7507	22 7	66 8	8 0
PRAIRIE STREAM SX556	22 8	67 4	8 0
PIONEER 3192	23 2	63 5	8 1
NORTHRUP KING N8727	23 0	66 3	8 1
HYTEST HTX7748	24 2	65 7	8 4
PIONEER 3154	24 3	63 2	8 5
DEKALB DK743	24 6	66 8	8 6
MEANS	21 5	65 6	7 5
LSD (05)	3 2	3 3	1 1

Cooperators and locations

Late-season hybrids were evaluated on farms of the following Joel Wenger and Robert Breckbill, Franklin County, Frank Yost, Cumberland County, John Yocum, Lancaster County, Kermet Schegel, Berks County, and Wiley Gehman, Lehigh County

Results of the tests for short season, early medium season, late medium-season, and late-season hybrids are available as separate reports from county offices of Penn State Cooperative Extension

Where trade names appear no discrimination is intended and no endorsement by Penn State Cooperative Extension is implied

Issued in furtherance of Cooperative Extension Work Acts of Congress May 8 and June 30 1914 in cooperation with the U S Department of Agriculture and the Pennsylvania Legislature L F Hood Director of Cooperative Extension The Pennsylvania State University

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Members of the county based extension staff assisted in conducting these tests Their efforts were essential to the successful completion of the trials and were greatly appreciated

This report represents the combined efforts of extension research, and service personnel in the Departments of Agronomy and Plant Pathology (M W Johnson, and J E Ayers)

The tables in this report may be reproduced only in their entirety

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Corn Growers To Honor Top Producers

ST. LOUIS, Mo. — When corn growers meet in San Antonio, Texas, February 21-23 for the 1993 Corn Classic, they will pay tribute to those among them who excel as producers and industry leaders.

More than 2,500 registrants are expected to attend the National Corn Growers Association's (NCGA) 35th anniversary Corn Classic.

The National Corn Yield Contest (NCYC) state winners will be honored at the NCYC State Winners Luncheon.

The NCYC State Winners Luncheon, sponsored by Asgrow Seeds, begins at noon on Monday, February 22. State winners receive two complimentary luncheon tickets. Additional tickets may be purchased in advance by calling NCGA, (314) 275-9915. Serving as comoderators are farm broadcasters Colleen Callahan and Lee McCoy.

On Monday evening, the NCGA awards banquet, sponsored by American Cyanamid, recognizes NCYC national winners and NCGA special award winners. The NCYC national winners will receive trophies courtesy of Monsanto. The event also features Dale Minnick, a humorist and motivator, whose message will have you on the edge of your seat. Tickets to this event are included in the NCGA Corn Classic registration fee.

In addition to honoring outstanding corn growers, the Corn Classic includes a wide range of educational opportunities and marketing sessions as well as entertainment featuring country music stars Crystal Gayle and Lionel Cartwright. Also on the Corn Classic program is motivational speaker Tom Sullivan.

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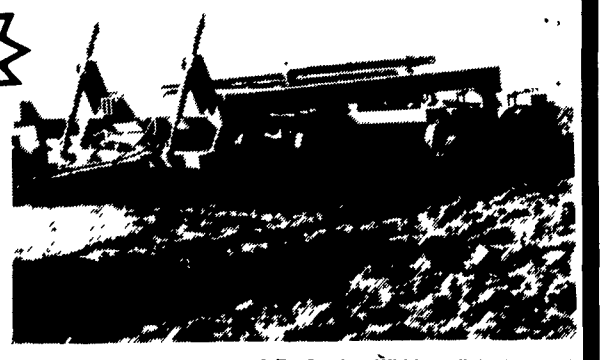

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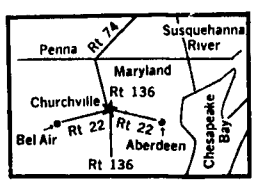

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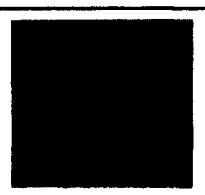

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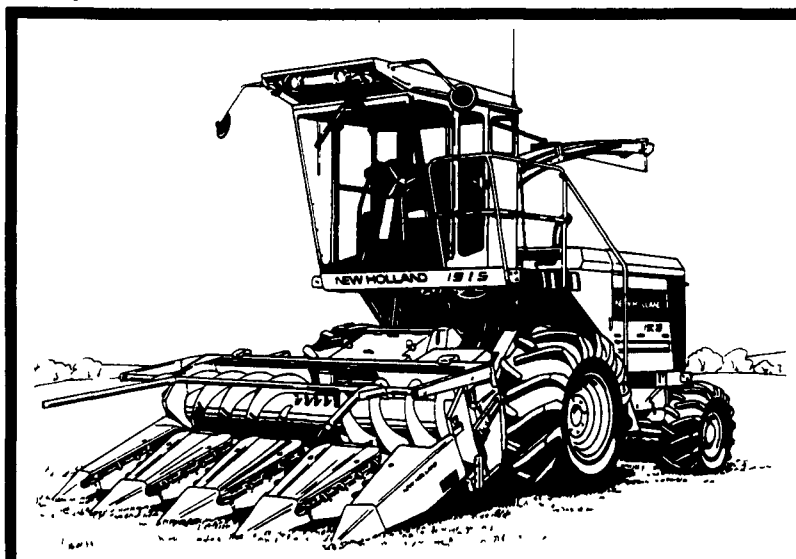

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CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Research Continues On Advantages Of Waxy Corn

VERNON ACHENBACH JR.
Lancaster Farming Staff

REISTVILLE (Lebanon Co.) — Waxy corn is apparently getting a new look by some people after being put on the back shelf for a number of years with regards to use as livestock feed.

A few different universities are in the process of investigating the 100 percent amylopectin strain of maize as to its feed and nutritional appropriateness for livestock.

However, except for one report on a study done in the Midwest on hogs, no data, save farmer testimonials, is readily available on the benefit of feeding 100 percent amylopectin, versus the current use of feeding normal dent corn, which is 75 percent amylopectin and 25 percent amylose.

Research on plant pectins is ongoing at Cornell by graduate student Mary Beth Rymph, who is doing the work as part of her pursuit of a doctorate degree.

But that doesn't mean that nothing has changed from 1990 when the status of waxy corn was reported as being improved in yields to almost equal to yellow dent.

At that time, though crop yields were up to where they are now — about equal to regular dent — there were no studies to validate any farmer and seed company claims that waxy corn had an advantage over yellow dent.

A lack of scientific data to support those claims doesn't mean that those providing testimonial evidence are not truthful.

What it means is, the lack of objective control over all influences on any herd makes any claim about a product, either in support or against, invalid.

In other words, when a decision to change a ration is based on testimonial evidence alone, there are no guarantees and the risk of damaging existing milk production is higher than with researched and substantiated claims.

However, a number of salesmen and farmers for an Elizabethtown seed and soil-amendments products company are promoting some varieties of waxy corn and, on the basis of testimonials, are claiming higher yields, better acceptance by cattle and swine, and better feed conversion.

Results of one recently completed feed trial study at the Unviersity of Wisconsin, shows a maximum 10 percent advantage to using waxy corn over yellow dent for feed efficiency and a high of 8.9 percent advantage in daily weight gain.

Devon Howe, salesman for PARS Inc., Elizabethtown, in a letter said that the data which universities, such as Penn State, are putting out is based on trials with old varieties of waxy corn, not with the varieties developed by Custom Farm Seed, based in Illinois. That's the brand he and his area farmer-dealers promote.

Howe said that CFS has spent 20 years developing hybrids for the industrial starch business (it used in various powders, etc.). He has pointed out a Wisconsin hog study as evidence of the advantage of CFS waxy corn.

No other research is available to support Howe's claims of an advantage.

Gary Apel, CFS director of agronomy services, also cited the University of Wisconsin hog study, which showed a slight advantage over a variety of dent.

As far as its use in dairy animals, Apel could not point to substantive research, but said he had a number of dairymen who were willing to provide strong testimonials as to its benefit on their herd's production.

Their is currently some trial work being done at Wisconsin with dairy cattle, but both professors actively involved were unavailable for comment, one was out of state and not due back for some time and the other was out of the country and also not due back soon.

Paul Carter, agronomy professor at University of Wisconsin's College of Agricultural and Life Sciences, and with its extension program, recently wrote on waxy corn.

Carter said in the article that, other than the percentage of amylopectin, the chemical constituents of waxy corn are similar to those in yellow dent. In other words, the varieties are currently not too far apart in makeup and characteristics.

"Because corn hybrids have often been on the market for several years before seed companies change the genetic make-up of normal hybrids to include the waxy gene, many waxy hybrids are older than the newest normal hybrids and consequently may have lower yield potential," Carter wrote.

"Growers must isolate fields to prevent pollen contamination from normal corn.

"Some feeding trials suggest that finishing lambs, pigs and beef have slightly greater feed efficiencies and average daily weight

(Turn to Page 47)

However, Rymph said that the name "amylopectin" is a misnomer. She said it is not a true pectin, but really a starch. She also said that there is great lack in information about amylopectin as it is digested by cattle.

Pectins have some hope, however. She said that it has been found that the digestion of pectins is apparently fast and produces no lactic acid, which could eventually earn it a place in a research-supported recommended diet for high producing dairy cattle.

"Amylopectin is a bad name," she said. "It really is another starch."

Amylose is a sugar, or starch, which occurs in a straight molecular chain. Amylopectin is a multi-branched chain starch.

Rymph said she started out researching starches, then switched to pectins, which most people are familiar with in making jam and jelly, but also used in some glues, etc.

She is currently looking at pectins produced by alfalfa.

While she said she couldn't guess how long it might be until adequate information on pectins is available, the same is true of most non-structural elements of dairy feed.

"We need a lot more information, plus an assay on it and other feeds," she said, adding that there is currently a lack of an inexpensive, quick, and reliable method for testing of pectins and starches in the rumen. That's being worked on too.

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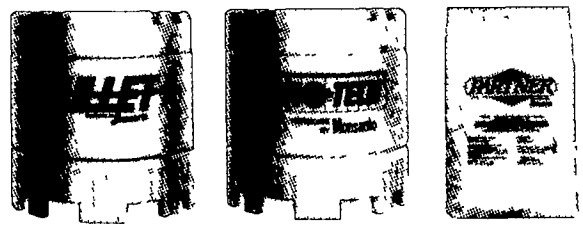

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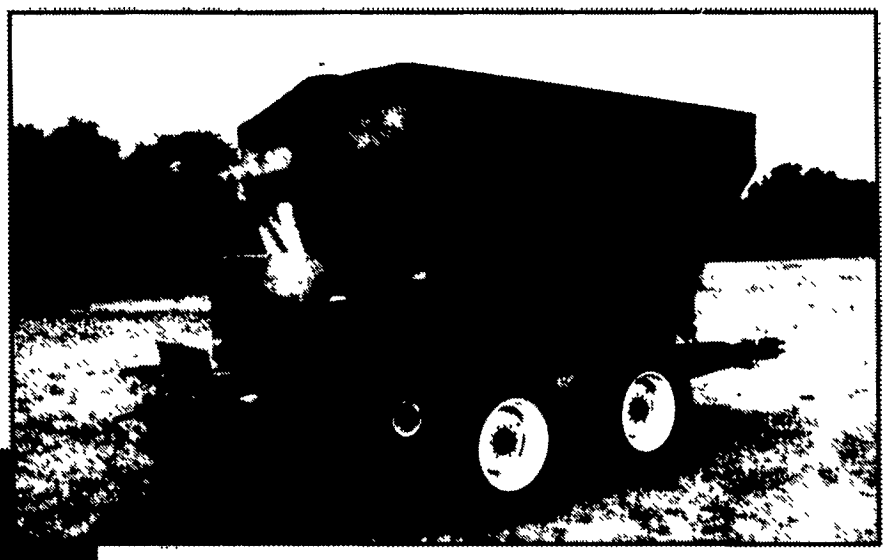
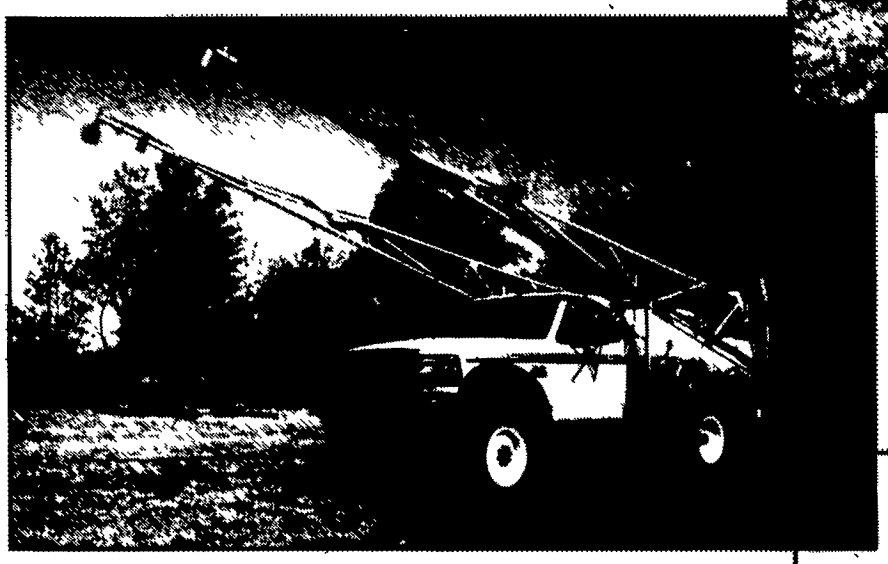


Double Duty Spreader



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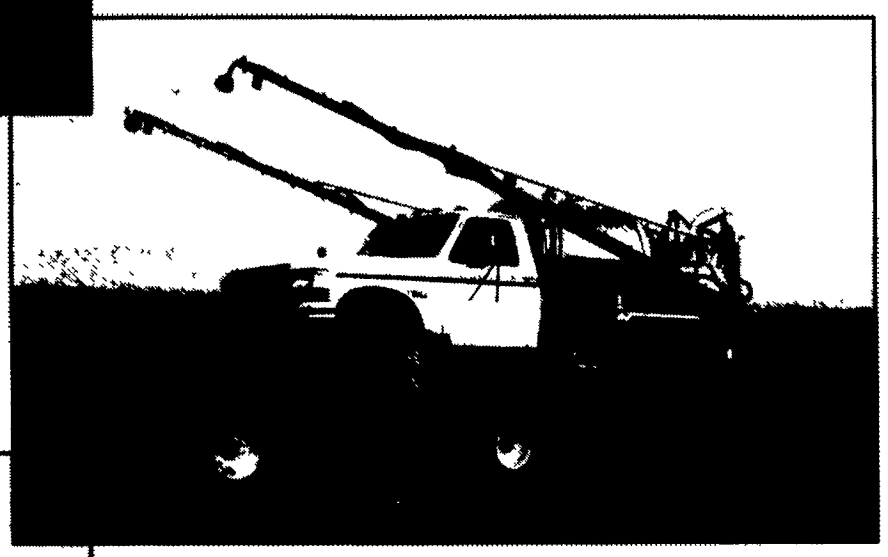

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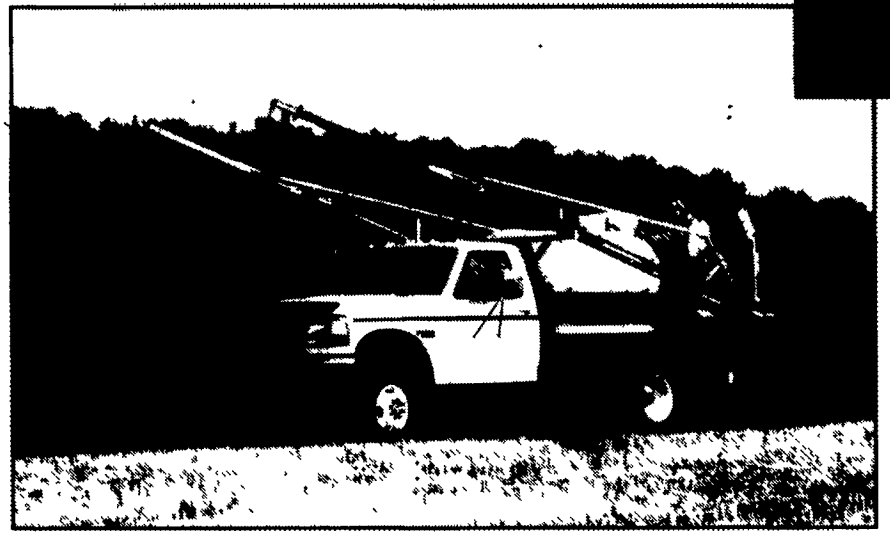

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CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Lots Of Good Things Come From Corn

Corn refiners separate corn grain into starch, solubles, gluten and hulls, and germ. From these they further process, package and ship...

ILLINOIS CORN MARKETING BOARD

STARCH

STARCHES

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DEXTROSE

SOLUBLES

STEEPWATER

GLUTEN & HULLS

STEEPWATER FOR FEED

GLUTEN FEED AND MEAL

OIL MEAL

GERM

CORN OIL

CORN STARCH (Industrial Uses)

Abrasive paper and cloth
Adhesives (glues, mucilages, gums, etc.)
Batteries (dry cell)
Binder or binding agents
Board (corrugating, laminating, solid fiberboard, cardboard)
Boiler compounds
Bookbinding
Briquettes
Ceramics (as clay binder)
Chemicals
Cleaners, detergents
Coatings (on wood, metal and paper)
Color carriers (in paper and textile printing)
Cord polishing, sizing
Cork products
Corrective tape for typewriters
Crayon and chalk (as a binder)
Degradable plastics
Diapers
Dispersing and standardizing agents
Dressing, surgical
Dyes (as a bodying agent, carrier, diluent, etc.)
Encapsulating agents
Fermentation processes
Fiber glass size
Fireworks
Industrial filters
Insecticide powders
Insulating material (glass wool, rock wool, etc.)
Lubricating agents
Oilcloth
Oil well drilling (drilling mud)
Ore refining (electrolytic reduction process, flotation process, etc.)
Packing peanuts
Paints (cleaning compounds, cold water and latex paints, poster, lacquers, etc.)
Paper and paper products manufacture
Photographic films
(Sanitation powders)
Plastics (molded)
Plywood (interior)
Printing
Protective coatings (emulsions)
Textiles (warp sizing and finishing)
Tile, ceiling
Tires, rubber
Wallboard and wallpaper
Water recovery and retrial

CORN STARCH (Food, Drug or Cosmetic Uses)

Antibiotics
Aspirin
Baby foods
Bakery products (breads, rolls, cakes, pies, crackers and cookies)
Baking powder
Beverages (brewed (beer, ale, etc.))
Chewing gum
Chocolate drink
Confectionery
Cosmetics
Desserts (puddings, custards, etc.)
Drugs and pharmaceuticals
Flours, prepared (milling, prepared mixes)
Food and drug coatings
Gravies and sauces
Meat products
Mixes, prepared (pancake, waffle, cake, candy, etc.)
Mustard, prepared
Pie filling
Precooked frozen meals
Salad dressing
Soaps and leathers
Soups
Sugar, powdered
Nutritional analysis
Vegetables, canned
Yeast

DEXTRINS (Industrial Uses)

Adhesives (glues, pastes, mucilages, gum)
Bookbinding
Briquettes
Candles
Ceramics
Core (petroleum)
Core binders (casting, mold, etc.)
Cork products
Crayons and chalk (as a binder)
Dyes, inks and carbon paper
Explosives
Fireproofing
Gypsum board
Ink, printing
Insecticides
Insulation fiber glass
Labels
Leather
Linoleum
Magazines
Matches (phosphorus and phosphorus free)
Oil well drilling
Ore separation
Paper (coated water proof, etc.)
Paperboard (paper products)
Plastics (molding)
Plywood
Sandpaper
Shoe polish (unpasteurized polish)
Soldering compounds
Soap
Straw (drinking)
Textile (sizing, finishing and printing)
Twine (cord, string, etc.)
Wallboard and wallpaper
Wood washers and shade cloth

CORN SYRUP (Industrial Uses)

Adhesives (plasticizing agent)
Chemicals
Dyes and inks
Explosives
Leather tanning (chrome process)
Metal plating
Paper, glassine and parchment
Plasticizer
Polish, shoe
Rayon (Viscose process)
Textiles, for finishing
Tobacco and tobacco products

CORN SYRUP (Liquid or dried form)(Food, Drug Uses)

Baby foods
Bakery products (bread, rolls, biscuits, doughnuts, pies, cakes, cookies, pretzels, etc.)
Beverages, brewed (beer, ale, etc.)
Beverages, carbonated
Breakfast foods
Catsup, chili sauce, tomato sauce
Cereals, prepared
Cheese spreads and foods
Chewing gum
Chocolate products
Coffee whiteners
Condensed milk, sweetened
Confectionery
Cordials and liqueurs
Desserts
Eggs, frozen or dried
Extracts and flavors
Frosting and icings
Fruit butters and jellies
Fruits, canned, canned, fillings, frozen, etc.)
Fruit drinks
Ice cream, water ices and sherbets
Jams, jellies, marmalades and preserves
Licorice
Malted products
Marshmallows and related products
Meat products (sausage, etc.)
Medicinal preparations (drugs, pharmaceuticals)
Mixes, prepared (cakes, infant foods, pie fillings, pudding powders, ice cream, etc.)
Peanut butter
Pickles and pickle products
Rice and coffee polish
Salad dressing
Sauces (seasoning, specialties, etc.)
Seafood, frozen
Syrups (table, chocolate, cocoa, fruit, medicinal, soda, fountain, cordials, etc.)
Soups, dehydrated
Topping
Vinegar

HIGH FRUCTOSE CORN SYRUP (Food Uses)

Bakery products
Canned fruits
Canned fruit
Condensed soups
Confectionery
Confectionery products
Dry cereals
Frozen desserts
Jams, jellies and preserves
Low calorie gum
Marinades
Microwave entrees
Salad dressings
Table syrup
Wine

MALTODEXTRINS (Food Uses)

Bakery mixes
Beverage powders
Condiments
Dehydrated food
Dry soup mixes
Confectionery
Frozen desserts and glazes
Ingredients
Instant breakfast food
Low calorie sweeteners
Marshmallows
Nougats
Panning
Sauces and gravy mix
Snack foods

DEXTROSE (Industrial Uses)

Acids, commercial (lactic, acetic, gluconic, etc.)
Adhesives
Butler compounds
Chemicals, organic
Chemicals (calcium lactate, sodium lactate, etc.)
Dyes
Electroplating and galvanizing
Enzymes
Explosives
Fermentation products
Flavors preparations
Leather tanning
Mannitol
Paper manufacture
Rayon
Rubber (cold process)
Sizing materials
Sorbitol
Textiles, dyeing and finishing

DEXTROSE (Food, Drug Uses)

Antibiotics
Baby foods
Bakery products (biscuits, bread, crackers, fillings, icings, macaroons, pretzels, cookies, crackers, wafers, etc.)
Berries, canned and frozen
Beverages, brewed (beer, ale, etc.)
Beverages, carbonated
Breakfast foods
Caramel color
Cheese foods and spreads
Chewing gum
Chocolate products
Citrus juices
Coloring, pure food mix
Condensed milk
Confectionery
Cordials, liqueurs and brandy
Cream, frozen
Dairy products
Desserts
Dietetic preparations
Distillation products
Doughnuts (cake, yeast)
Drugs (fermentation process)
Eggs, frozen or dried
Fish, pickled
Flavoring extracts
Food acidulents, (citric, etc.)
Fruit juices
Fruits and vegetables (canned)
Fruits (candied, glace, frozen)
Gelatin desserts
Ice cream, water ices and sherbets
Infant and invalid feeding
Jams, jellies, marmalades and preserves
Lactic Acid
Meat products (bacon, bologna, hams, sausage, frankfurters, minced meat)
Medicinal preparations (intravenous injections, pills, tablets, drugs, etc.)
Mixes, prepared (cake, icings and frosting, infant foods, pie fillings, toppings, etc.)
Peanut butter
Peas, canned
Pectin, fruit
Pickles and pickle products
Powders (ice cream, prepared dessert, pudding, summer drink, powders, etc.)
Prepared mixes
Sauces (catsup, tomato, etc.)
Seasoning mixes, dry
Syrups (table, fountain, medicinal, etc.)
Sorbitol (in candies, toothpaste, etc.)
Soups, dehydrated
Spices and mustard preparations
Vinegar
Wine

HYDROL (corn sugar molasses)

Organic acids
Organic solvents
Tha
Livestock feed
Leather tanning

ETHANOL

Alcoholic beverage
Industrial alcohol
Motor fuel extends

STEEPWATER

Antibiotics
Chemicals
Pharmaceuticals
Yeast

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Corn oil by products
Corn sugar (crude and refined)
Corn germ meal
Corn gluten feed
Corn gluten meal
Hydrol (corn sugar molasses)
Steepwater for feed (condensed fermented corn extractives)

CORN GERM MEAL, CORN GLUTEN FEED, CORN GLUTEN MEAL (Other Uses)

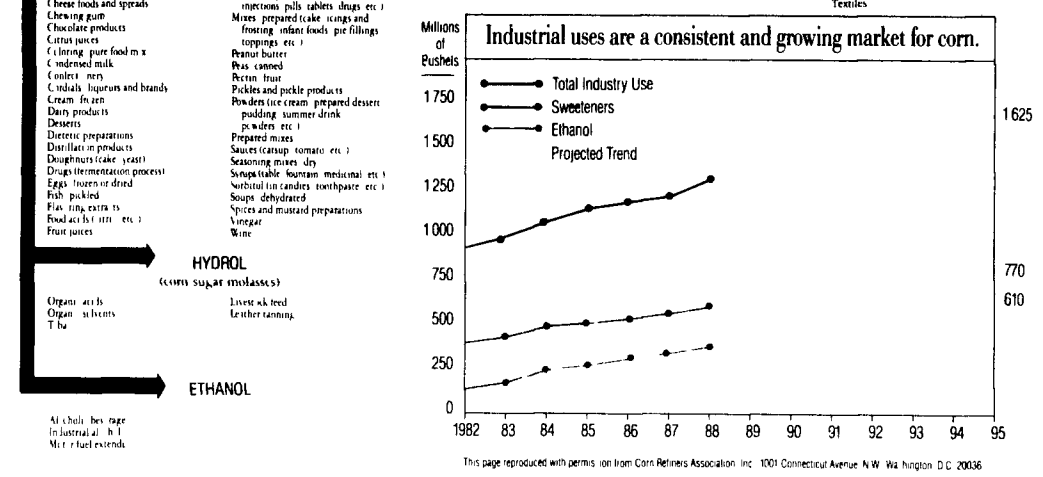
Amino acids
Fur cleaner
Zein and other protein products

CORN OIL REFINED (Food, Drug Uses)

Carriers for vitamins and other medicinal preparations in capsule form
Cooking oil
Margarine
Mayonnaise
Potato chips
Salad dressing
Sauces, seasoning
Shortening
Soups

CORN OIL & FREE FATTY ACIDS (Industrial Uses)

Chemicals and insecticides
Lecithin (for pharmaceuticals, cosmetics, linoleum, printing inks, etc.)
Paint, with varnish
Printing ink
Rubber substitutes
Rust preventive (surface coatings)
Soap
Soluble oil (leather and tanning use)
Textiles



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(Continued from Page 38)

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NON-REFUNDABLE

Research Continues

(Continued from Page 44)

gains when they eat waxy, rather than normal corn grain.

"Most feeding trials, however, have found no such differences," he wrote.

"Some seed companies have also promoted the value of waxy corn grain and silage for dairy cows. Testimonials indicate that cows fed waxy corn increase milk production and butterfat percentage. Currently, there is no research with dairy cows either to confirm or dispel these claims.

"Laboratory forage-quality measurements do not indicate any differences between waxy and normal corn forage nutritive value."

He did note that some buyers of waxy corn may pay a premium for it for wet milling and for export.

Despite the enthusiasm of its promoters, there are many questions surrounding waxy corn and its competitiveness against continued improvements in regular dent, such as the exact function of the microbes on amylopectin; the types of microbes which may favor amylopectin; the effect on the rumen; the effect on dry matter intake; its effect on milk and milk component production; and the effect on animal growth, etc.

In the field, some of the CFS varieties of waxy corn do taste at least on par, if not sweeter than, some sweet corns available, according to an taste test done late last summer at a seed dealer's seed trial plot in the Newmanstown area.

As with other aspects of farming, until research data becomes available, experts said that those with questions about waxy corn should probably consider the testimonials of neighbors, and investigate those operations to make their own determination as to the validity of the claims.

CORN TALK NEWS

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Corn Growers Set Membership Record

ST. LOUIS, Mo. — A national organization is only as strong as its membership. In the case of National Corn Growers Association (NCGA), that strength keeps growing by leaps and bounds.

Three corn growers from two different states recruited 394 new members to NCGA this year as part of the ongoing NCGA Award of Excellence program sponsored by Du Pont Company. Jerry Cole of Fayette, Iowa, signed 174 new members; Ron McCartney of Elgin, Iowa, signed 113 new members; and Barbara Fulcher-Reynolds of Brodhead, Ky., signed 107 new members. NCGA gained more than 2,253 new members as a result of this program during the past year.

"For the 12th straight year, NCGA increased its membership," said Andy Quinn, a corn grower near Litchfield, Minn., who serves as NCGA chairman of field services. "The Award of Excellence Program continues to play an outstanding role by placing the accent on membership development and retention."

The three top national recruiters will receive special awards. They, along with the top membership recruiter in each NCGA affiliated state association and their spouses, participated in a special training program designed to develop their leadership skills December 2-5 at Du Pont's World Headquarters in Wilmington, Del. They also received an expense-paid trip to the 1993 NCGA Corn Classic, February 21-23, in San Antonio, Texas. National and top state winners will receive recognition at the Corn Classic.

The Award of Excellence program fosters a strong membership and leadership base for NCGA and its affiliated state associations. It helps identify future leaders of the corn industry and cultivates their leadership potential. The program aims to develop a core group of corn growers and spouses able to discuss major agricultural issues with the public. The program is in its sixth year.

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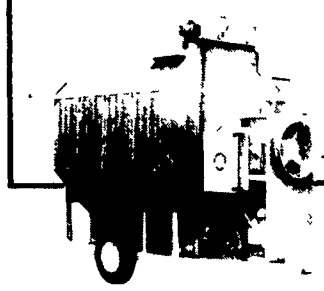

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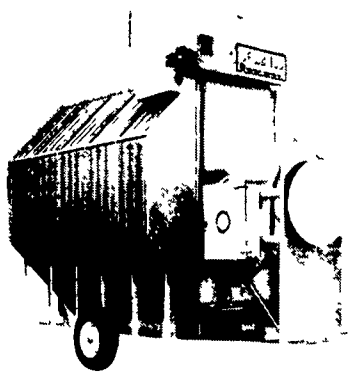

Here are the dryers for the farmer who has more to do at harvest than just dry grain.

The new CF/AB Series from Farm Fans are designed to allow drying by either CONTINUOUS FLOW or AUTOMATIC BATCH modes.

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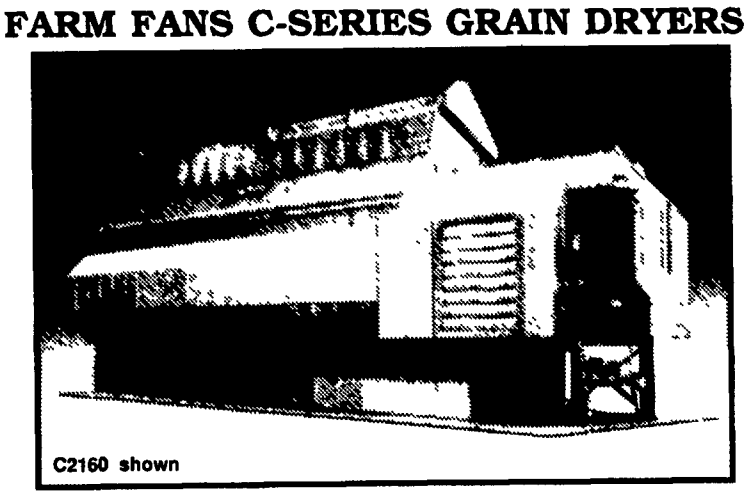

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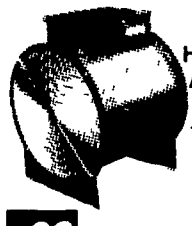

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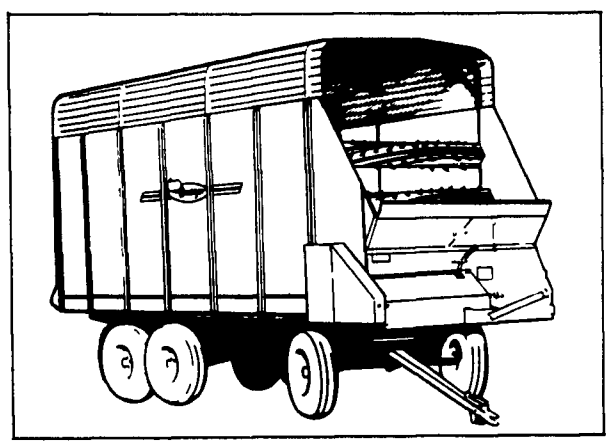
CITY_____ ST_____ ZIP_____ PH_____

Badger FORAGE BOX



- Flexible and durable on all types of terrain.
- All bolted and welded construction.
- High strength alloy rear support.
- Standard 667H pintle apron chains.
- All steel undercarriage.
- Duraply sides and treated plywood deck with lifetime warranty.

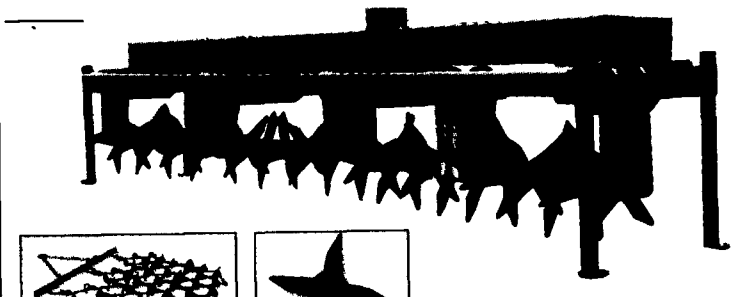
OTHER QUALITY EQUIPMENT FROM BADGER:
Silage Blowers, Manure Spreaders, Pit Pumps, Silo Unloaders

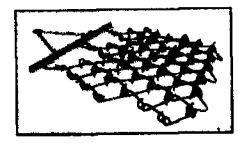
BHM FARM & LAWN EQUIP.
SALES - PARTS - SERVICE
Route 934 - 2 Miles North Of Annville
Telephone 717-867-2211

PATENTED [redacted] TECHNOLOGY

Surface aeration with the Aer-Way helps make lifeless no-till soils productive. One pass in the fall boosts aerobic activity and starts the decomposition process. Another pass in the spring incorporates fertilizer while balancing air and water levels in the seed zone. The results are better stands, more efficient nutrient uptake, and effective erosion control—all from minimum horsepower requirements. Models up to 24' wide feature bolt-on tines and optional chain harrows. For more information, call:

The Better Way To Make No-Till Soils Come To Life





Optional Chain Harrows

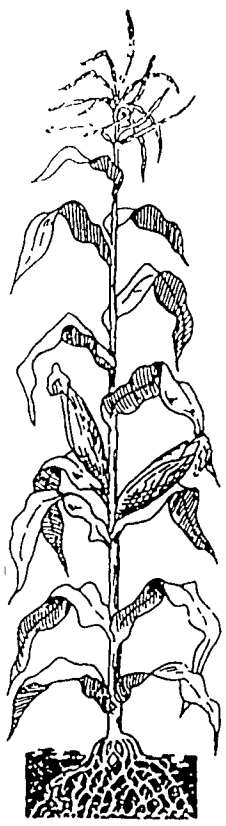
Standard Bolt-On Tines

Aer-Way

Contact:

AGRI-QUIP CORPORATION
3920 Market St.
Camp Hill, PA 17011
1-800-228-8032

EARLY SPRING SALE



FEBRUARY SALE
SILO CHIEF

SPECIAL LOWER SILO CHIEF PRICES
Medium Flats - 50.00 bu.
Medium Rounds - 48.00 bu.
Plateless U or R - 47.00 bu.
25 bu. lots bulk or skids
$36.90 bu. U or R plateless
FREE SEED CORN APPLIES

SPECIAL
BUY BAGS - BULK SKIDS
1 BU. FREE YOUR CHOICE WITH
EACH 5 BUSHELS ORDERED
ALL GUARANTEED SATISFACTORY
DELIVERED PRICES 500 MI.
OR EAST OF MISSISSIPPI

MUNCY-CHIEF SOLD IN FULL LEGAL BUSHELS

SEED CORN 56 Lbs. **SEED WHEAT 60 Lbs.**
SEED OATS 32 Lbs. **SEED BEANS 60 Lbs.**

MUNCY CHIEF HYBRIDS, Inc. • Muncy, PA 17756
PHONE 717-546-5981 • TOLL FREE 800-874-4803

RETAIL PRICE LIST

ASK PRICE TRUCKLOADS DELIVERED OR FOB MUNCY, PA
MUNCY-CHIEF CERTIFIED SEED OATS

QUAN WANTED	Treated Delivered	Non-Treated Delivered	Treated FOB Muncy	Non-Treated FOB Muncy
___ Certified Ogle	5 50	5 25	5 25	5.00
___ Registered Ogle	6 50	6 25	6 25	6.00
___ Certified Noble	5 50	5 25	5 25	5.00
___ Registered Noble	6 50	6 25	6.25	6 00
___ Certified Hercules	5 50	5 25	5 25	5 00
___ Registered Hercules	6 50	6 25	6.25	6.00
___ Certified Newdak	5 50	5 25	5 25	5 00
___ Registered Newdak	6 50	6 25	6 25	6 00

Less 25¢ Bu Off Above Prices Bulk - Bulk Basis 1600 lb. or 50 Bu

SOYBEANS

QUAN WANTED	Delivered
___ Certified William 82	11.50
___ Registered William 82	13 00
___ Certified Amcor	12.00

Less 25¢ Bu Off Above Prices Bulk - Basis Bulk 1500 lb or 30 Bu

SORGHUM SUDANGRASS

QUAN. WANTED	50 Lb.
___ Muncy-Chief Kow-Dan H202	22 00
___ Muncy-Chief Kow-Dan H205	22 50

Less 25¢ per 50 lb Bag Bulk - Basis Bulk 1500 lb. or 30 - 50 lb Bags

GRAIN SORGHUM

QUAN WANTED	
___ Muncy-Chief Grain Sorghum H7232	25 00

Less 25¢ per 50 lb Bag Bulk - Basis 1500 lb or 30 - 50 lb. Bags

ALFALFA

QUAN WANTED	
___ Muncy-Chief H200	150.00
___ Muncy-Chief H300	150 00
___ Muncy-Chief Acclaim	150 00

SWEET CORN

QUAN. WANTED	Lb.
___ Muncy-Chief Extra Sweet 72	5.75
___ Muncy-Chief Extra Sweet 85	5.75
___ Muncy-Chief Bi-Color (75 Days)	6.00
___ Muncy-Chief Stay Sweet (87 Days)	5.75
___ Muncy-Chief Silver Queen (90 Days)	4.75
___ Muncy-Chief Silver Extra Sweet (90 Days)	5.75

MUNCY-CHIEF INDIAN CORN

QUAN WANTED	2 oz.	
___ Variegated Indian Corn	4 50	25 00
___ Indian Popcorn	6.00	30.00

BARLEY

QUAN WANTED	
___ Spring Seed Barley	8 50

MUNCY-CHIEF PREMIUM BALER TWINE

QUAN WANTED	Per Bale	Special Prices For February	Mar/April Payment	Later Payment
	Sisel			
___ Muncy-Chief 9,000		19 75	22 00	ASK
___ Muncy Chief 10,000		19 75	22 00	TRAILER
___ Muncy-Chief 7,200		19 75	23 00	LOAD PRICE
___ Muncy-Chief 16,000		21 75	24 00	AND LATER
	Plastic			DELIVERY
___ Muncy-Chief 4,000		19 75	23 00	PRICES
___ Muncy-Chief 9,000		19 75	23 00	
___ Muncy Chief 20,000		19 75	23 00	

Less 25¢ per Bale on Skids 50 Bale one kind, one Size
Payment and order date same for booking later or spring use
market price - which should be competitive

MUNCY-CHIEF SINGLE CROSS HYBRIDS
PAYS FOR GRAIN SILAGE 10 DAYS LESS
1991 FIELD YIELDS DRY BASIS

Muncy-Chief XA7790	110-115	210 bu. per acre
Muncy-Chief XA 7766	110-115	207 bu. per acre
Muncy-Chief XA777	110-115	213 bu. per acre
Muncy-Chief SX662	105-110	189 bu. per acre
Muncy-Chief XA560	100-105	211 bu. per acre
Muncy-Chief ESX560	95-100	169 bu. per acre
Muncy-Chief SX390	88- 92	150 bu. per acre
Muncy-Chief SX2220	85- 90	Not In This Test
Muncy-Chief SX1010	80- 85	Not In This Test

All Muncy Chief Single Crosses:
Medium Flats $70.00/Bu. Medium Rounds $68.00/Bu.
U or R Plateless $67 00/Bu.
Bulk or Skids 25 Bu. One Hybrid U or R Plateless $56.90/Bu.

MUNCY-CHIEF 3 WAY CROSSES

Muncy-Chief 3X898	110-115	186 bu. per acre
Muncy-Chief 3X676	105-110	174 bu. per acre

All Muncy-Chief 3 Way Crosses:
Medium Flats $65.00/Bu. Medium Rounds $63.00/Bu.
U or R Plateless $62.00
Bulk or Skids 25 Bu. One Hybrid U or R Plateless $51.90/Bu.

MUNCY-CHIEF DOUBLE CROSS HYBRIDS

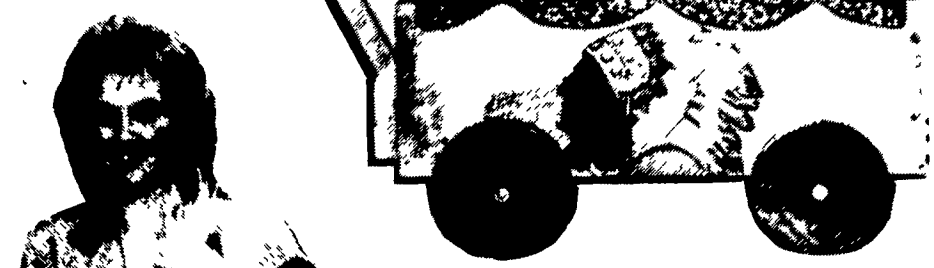
Muncy-Chief H764	110-115	194 bu. per acre
Muncy-Chief H270	85- 90	Not In This Test
Muncy-Chief H208E	80- 85	Not In This Test
Muncy-Chief H304	90- 95	Not In This Test

Muncy-Chief Silo Chief-Priced Below and On Cover Page
All Muncy-Chief Double Crosses And Silo Chief Silage
Medium Flats $60.00/Bu Medium Rounds $58.00/Bu.
U or R Plateless $57.00/Bu.
Bulk or Skids One Hybrids 25 Bu. $46.90/Bu.
Sale Price Muncy-Chief Silo Chief $36.90 Plateless Bulk or Skid
Sale Price Muncy Chief QuickCrop $22.00 Bushel Bulk or Skid

Muncy Chief Bonus

• F R E E •

Free trips or partially paid for selling or planting Muncy Chief Hybrid seed corn in 1993. 2 points per bushel or $2.00 off trip fare per bushel.



The Above Corn Is Muncy-Chief XA7790 Grown By Harrop Farm in Mifflin County, PA

CALL JOAN JENNIFER OR MILTON HOFFMAN

TOLL FREE TO ORDER OR FOR INFORMATION OR RECOMMENDATIONS

ASK ABOUT FREE CARRIBEAN CRUISES AND OTHER CRUISES
SAVE MONEY -
BUY MUNCY-CHIEF SEEDS AND HYBRIDS

ORDER BLANK

PLEASE SHIP OR DELIVER ABOUT _____ AMOUNT ENCLOSED _____
___QUANTITY___HYBRID OR VARIETY_____PRICE_____AMOUNT

Name_____ **Date**_____

Street, or R.D._____ **Box**_____ **Phone**_____

Post Office_____ **Zip**_____ **Age**_____

I OR WE - FARM ACRES_____ **ACRES CORN** _____

☐ DAIRY FARMER ☐ GENERAL FARMER ☐ CORN GROWER ☐ STUDENT ☐ ADVISOR ☐ SEED DEALER ☐ FEED DEALER ☐ LGE FARM OPERATION BUY WHLSE ☐ MACHINERY DEALER ☐ FERTILIZER DEALER ☐ OTHER

Remarks or Interested in ☐ Dealer ☐ Other

MUNCY CHIEF HYBRIDS, INC. • Muncy, PA 17756
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